## AB-NN315-1 Nav beta 3 Antibody

Target Protein

Pan-specific monoclonal antibody (S396-29) for monitoring the expression of rat Nav beta 3



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Name Long:Sodium channel subunit beta-3Alias:Sodium channel subunit beta-3, Scn3b, KIAA1158UniProt ID:OyJK00 - RatHuman Predicted Mass (KDa):24.702 (215 AA; A0A024R3H7-1)Observed SDS-PAGE Mass (KDa):40ImmunogenFusion protein amino acids 1-215 (full-length) of rat NavBeta3ProductionAntibody Immunogen Source:Fusion protein amino acids 1-215 (full-length) of rat NavBeta3ProductionAntibody Ipye:MouseAntibody Ipye:MonoclonalAntibody Ipye:MonoclonalAntibody Purification:Protein G purifiedAntibody Purification:105 [1Antibody Concentration:1 mg/mlLot Number:15D [1Storage Buffer:Phosphate buffered saline pH 7.4, 50% glycerol, 0.1% sodium azideStorage Conditions and Stability:For long term storage, keep frozen at -40°C or lower. Stock solution can be kept at +4°C for more than 3 months. Avoid repeated freeze-thaw cycles. For long erm storage, keep frozen at -40°C or lower. Stock solution can be kept at +4°C for more than 3 months. Avoid repeated freeze-thaw cycles. For long erm storage, keep frozen at -40°C or lower. Stock solution can be kept at +4°C for more than 3 months. Avoid repeated freeze-thaw cycles. For long erm storage, keep frozen at -40°C or lower. Stock solution can be kept at +4°C for more than 3 months. Avoid repeated freeze-thaw cycles. For long erm storage, keep frozen at -40°C or lower. Stock solution can be kept at +4°C for more than 3 months. Avoid repeated freeze-thaw cycles. For long erm storage, keep frozen at -40°C or lower. Stock solution can be kept at +4°C for more than 3 months. Avoid repeated freeze-thaw cycles. For	Target Protein	
UniProt ID:     Q9JK00 - Rat       Human Predicted Mass (KDa):     24.702 (215 AA; A0A024R3H7-1)       Observed SDS-PAGE Mass (KDa):     40       Immunogen     Fusion protein amino acids 1-215 (full-length) of rat NavBeta3       Production     Mouse       Antibody Inmunogen Source:     Fusion protein amino acids 1-215 (full-length) of rat NavBeta3       Production     Mouse       Antibody Isotype Clone Lot:     IgG2B       Antibody Purification:     Protein G purified       Amount:     25 µg       Antibody Concentration:     1 mg/ml       Lot Number:     15DE1       Storage Buffer:     Phosphate buffered saline pH 7.4, 50% glycerol, 0.1% sodium azide       For long term storage, keep frozen at -40°C or lower. Stock solution can be kept at +4°C for more than 3 months. Avoid repeated freeze-thaw cycles. For long term storage, keep frozen at -40°C or lower. Stock solution can be kept at +4°C for more than 3 months. Avoid repeated freeze-thaw cycles. For long term storage, keep frozen at -40°C or lower. Stock solution can be kept at +4°C for more than 3 months. Avoid repeated freeze-thaw cycles.       Applications     WB   ICC/IF       Antibody Species Reactivity:     Mouse   Rat       Antibody Positive Control:     WB (1:1000); optimal dilutions for assays should be determined by the user.       Antibody Species Reactivity:     A 1:1	Name Long:	Sodium channel subunit beta-3
Human Predicted Mass (KDa):     24.702 (215 AA; A0A024R3H7-1)       Observed SDS-PAGE Mass (KDa):     40       Immunogen     Fusion protein amino acids 1-215 (full-length) of rat NavBeta3       Production     Mouse       Antibody Isotype Clone Lot:     IgG2B       Antibody Purification:     Protein G purified       Amount:     25 µg       Antibody Concentration:     1 mg/ml       Lot Number:     15DE1       Storage Buffer:     Phosphate buffered saline pH 7.4, 50% glycerol, 0.1% sodium azide       For long term storage, keep frozen at -40°C or lower. Stock solution can be kept at +4°C for more than 3 months. Avoid repeated freeze-thaw cycles. For long term storage, keep frozen at -40°C or lower. Stock solution can be kept at +4°C for more than 3 months. Avoid repeated freeze-thaw cycles. For long term storage, keep frozen at -40°C or lower. Stock solution can be kept at +4°C for more than 3 months. Avoid repeated freeze-thaw cycles. For long term storage, keep frozen at -40°C or lower. Stock solution can be kept at +4°C for more than 3 months. Avoid repeated freeze-thaw cycles.       Applications     WB (1:1000); optimal dilutions for assays should be determined by the user.       Antibody Species Reactivity:     Mouse   Rat       Antibody Positive Control:     A1:100 dilution of SMC-490 was sufficient for detection of NavBeta3 in 20 µg of mouse brain lysate by ECL immunoblot analysis using Goat anti-mouse IgG:HRP as the secondary antibody.       Target De	Alias:	Sodium channel subunit beta-3, Scn3b, KIAA1158
Observed SDS-PAGE Mass (KDa):     40       Immunogen     Fusion protein amino acids 1-215 (full-length) of rat NavBeta3       Production     Antibody Host Species:     Mouse       Antibody Ipse:     Monoclonal       Antibody Species:     Monoclonal       Antibody Upil Isotype Clone Lot:     IgG2B       Antibody Purification:     Protein G purified       Amount:     25 µg       Antibody Concentration:     1 mg/ml       Lot Number:     15DE1       Storage Buffer:     Phosphate buffered saline pH 7.4, 50% glycerol, 0.1% sodium azide       For long term storage, keep frozen at -40°C or lower. Stock solution can be kept at +4°C for more than 3 months. Avoid repeated freeze-thaw cycles. For long term storage, keep frozen at -40°C or lower. Stock solution can be kept at +4°C for more than 3 months. Avoid repeated freeze-thaw cycles. For long term storage, keep frozen at -40°C or lower. Stock solution can be kept at +4°C for more than 3 months. Avoid repeated freeze-thaw cycles.       Applications     WB   ICC/IF       Product Use:     WB   ICC/IF       Antibody Species Reactivity:     Mouse   Rat       Antibody Positive Control:     Mouse   Rat       Antibody Positive Control:     Mouse jigi-IRP as the secondary antibody.       Target Detection Immunoblotting:     In mouse brain lysates by ECL immunoblot analysis using Goat an	UniProt ID:	Q9JK00 - Rat
Immunogen       Antibody Immunogen Source:     Fusion protein amino acids 1-215 (full-length) of rat NavBeta3       Production       Antibody Host Species:     Mouse       Antibody Ips Species:     Mouse       Antibody Ig Isotype Clone Lot:     IgG2B       Antibody Purification:     Protein G purified       Amount:     25 µg       Antibody Concentration:     1 mg/ml       Lot Number:     15DE1       Storage Buffer:     Phosphate buffered saline pH 7.4, 50% glycerol, 0.1% sodium azide       For long term storage, keep frozen at -40°C or lower. Stock solution can be kept at +4°C for more than 3 months. Avoid repeated freeze-thaw cycles. For long term storage, keep frozen at -40°C or lower. Stock solution can be kept at +4°C for more than 3 months. Avoid repeated freeze-thaw cycles.       Applications     WB   ICC/IF       Wid (1:1000); optimal dilutions for assays should be determined by the user.       Antibody Species Reactivity:     WB   ICC/IF       Antibody Positive Control:     WB   ICC/IF       Antibody Positive Control:     WB   12C/IF       Antibody Species Reactivity:     A 1:100 dilution of SMC-490 was sufficient for detection of NavBeta3 in 20 µg of mouse brain lysate by ECL immunoble analysis using Goat anti-mouse IgG:HPR as the secondary antibody.       Target Detection Immunoblotting:     In mouse brain lysates,	Human Predicted Mass (KDa):	24.702 (215 AA; A0A024R3H7-1)
Antibody Immunogen Source:     Fusion protein amino acids 1-215 (full-length) of rat NavBeta3       Production     Antibody Host Species:       Antibody Host Species:     Mouse       Antibody Jype:     Monoclonal       Antibody Ig Isotype Clone Lot:     IgG2B       Antibody Purification:     Protein G purified       Amount:     25 µg       Antibody Concentration:     1 mg/ml       Lot Number:     15DE1       Storage Buffer:     Phosphate buffered saline pH 7.4, 50% glycerol, 0.1% sodium azide       For long term storage, keep frozen at -40°C or lower. Stock solution can be kept at +4°C for more than 3 months. Avoid repeated freeze-thaw cycles. For long term storage, keep frozen at -40°C or lower. Stock solution can be kept at +4°C for more than 3 months. Avoid repeated freeze-thaw cycles.       Applications     WB   ICC/IF       Antibody Dilution Recommended:     WB   ICC/IF       Antibody Species Reactivity:     Mouse   Rat       Antibody Positive Control:     WB (1:1000); optimal dilutions for assays should be determined by the user.       Antibody Positive Control:     In ouse brain lysate by ECL immunoblot analysis using Goat anti-mouse IgG:HRP as the secondary antibody.       Target Detection Immunoblotting:     In mouse brain lysates, this antibody detects a ~40 kDa protein.       Very High     Very High <th>Observed SDS-PAGE Mass (KDa):</th> <th>40</th>	Observed SDS-PAGE Mass (KDa):	40
Production       Antibody Host Species:     Mouse       Antibody Type:     Monoclonal       Antibody Ig Isotype Clone Lot:     IgG2B       Antibody Purification:     Protein G purified       Amount:     25 µg       Antibody Concentration:     1 mg/ml       Lot Number:     15DE1       Storage Buffer:     Phosphate buffered saline pH 7.4, 50% glycerol, 0.1% sodium azide       For long term storage, keep frozen at -40°C or lower. Stock solution can be kept at +4°C for more than 3 months. Avoid repeated freeze-thaw cycles. For long term storage, keep frozen at -40°C or lower. Stock solution can be kept at +4°C for more than 3 months. Avoid repeated freeze-thaw cycles.       Applications     WB   ICC/IF       Antibody Dilution Recommended:     WB   ICC/IF       Antibody Species Reactivity:     Mouse   Rat       Antibody Positive Control:     Mouse   Rat       Antibody Positive Control:     In ouse brain lysate by ECL immunoblot analysis using Goat anti-mouse IgG:HRP as the secondary antibody.       Target Detection Immunoblotting:     In mouse brain lysates, this antibody detects a ~40 kDa protein.       Antibody Specificity:     Very High	Immunogen	
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Antibody Type:MonoclonalAntibody Ig Isotype Clone Lot:IgG2BAntibody Purification:Protein G purifiedAmount:25 µgAntibody Concentration:1 mg/mlLot Number:15DE1Storage Buffer:Phosphate buffered saline pH 7.4, 50% glycerol, 0.1% sodium azideFor long term storage, keep frozen at -40°C or lower. Stock solution can be kept at +4°C for more than 3 months. Avoid repeated freeze-thaw cycles.For long term storage, keep frozen at -40°C or lower. Stock solution can be kept at +4°C for more than 3 months. Avoid repeated freeze-thaw cycles.ApplicationsWB   ICC/IFProduct Use:WB   ICC/IFAntibody Species Reactivity:Mouse   RatAntibody Positive Control:A 1:100 dilution of SMC-490 was sufficient for detection of NavBeta3 in 20 µg of mouse brain lysate by ECL immunoblot analysis using Goat anti-mouse lgG:HRP as the secondary antibody.Target Detection Immunoblotting:In mouse brain lysates, this antibody detects a ~40 kDa protein.Antibody Specificity:Very High	Production	
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Antibody Purification:Protein G purifiedAmount:25 μgAntibody Concentration:1 mg/mlLot Number:15DE1Storage Buffer:Phosphate buffered saline pH 7.4, 50% glycerol, 0.1% sodium azideFor long term storage, keep frozen at -40°C or lower. Stock solution can be kept at +4°C for more than 3 months. Avoid repeated freeze-thaw cycles. For long term storage, keep frozen at -40°C or lower. Stock solution can be kept at at +4°C for more than 3 months. Avoid repeated freeze-thaw cycles. For long term storage, keep frozen at -40°C or lower. Stock solution can be kept at +4°C for more than 3 months. Avoid repeated freeze-thaw cycles.ApplicationsVB   ICC/IFProduct Use:WB   1CC/IFAntibody Species Reactivity:Mouse   Rat A 1:100 dilution of SMC-490 was sufficient for detection of NavBeta3 in 20 µg of mouse brain lysate by ECL immunoblot analysis using Goat anti-mouse lgG:HRP as the secondary antibody.Target Detection Immunoblotting:In mouse brain lysates, this antibody detects a ~40 kDa protein. Very High	Antibody Type:	Monoclonal
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Antibody Specificity: Very High	Antibody Positive Control:	mouse brain lysate by ECL immunoblot analysis using Goat anti-mouse
	Target Detection Immunoblotting:	In mouse brain lysates, this antibody detects a ~40 kDa protein.
Antibody Cross Reactivities: Does not cross-reat with NavBeta1, Navbeta2, or Navbeta4.	Antibody Specificity:	Very High
	Antibody Cross Reactivities:	Does not cross-reat with NavBeta1, Navbeta2, or Navbeta4.

This product is for in vitro research use only and is not intended for use in humans or animals.

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