AB-NN315-1 Nav beta 3 Antibody

Target Protein

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



Address: 8755 Ash Street, Suite 1 Vancouver, British Columbia, Canada V6P 6T3

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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	
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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
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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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	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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