AB-NN098-2 SOD (Cu/Zn) Antibody

Target Protein

Pan-specific polyclonal antibody for monitoring the expression of human SOD (Cu/Zn) $% \left(\frac{1}{2}\right) =0$



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

Email: info@kinexus.ca Phone: 604-323-2547

Name Long:Superoxide dismutase [Cu-Zn]Alias:Superoxide dismutase1, ALS1, IPOA, SOD1, SOD2, SODCUniProt ID:P00441 - HumanHuman Predicted Mass (KDa):15.936 (154 AA; P00441-1)Observed SDS-PAGE Mass (KDa):23 (human) - 19 (other species)ImmunogenHuman Cu/Zn SODProductionForductionAntibody Isotype Clone Lot:RabbitAntibody Jostype Clone Lot:130 MixAntibody Puffication:Affinity (antigen) puffiedAntibody Concentration:1 mg/mlLot Number:55 E1Storage Buffer:Phosphate buffered saline pH 7.4 pH7.0, 50% glycerol, 0.09% sodium azide 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. 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. For long term storage, keep frozen at -40°	Target Protein	
UniProt ID: P00441 - Human Human Predicted Mass (KDa): 15.936 (154 AA; P00441-1) Observed SDS-PAGE Mass (KDa): 23 (human) - 19 (other species) Immunogen Jamphon (Marcon Source): Human Cu/Zn SOD Production Polyclonal Antibody Insurger Source): Rabbit Antibody Instruction Polyclonal Antibody Instruction: Affinity (antigen) purified Antibody Purification: Affinity (antigen) purified Amtibody Concentration: 1 mg/ml Lot Number: 15DE1 Storage Buffer: Phosphate buffered saline pH 7.4 pH7.0, 50% glycerol, 0.09% sodium azide Storage Conditions and Stability: WB HC IP ELISA WB (1:5000, ICC/IF (1:120); optimal dilutions for assays should be determined by the user. Antibody Species Reactivity: WB IHC IP ELISA WB (1:5000, ICC/IF (1:120); optimal dilutions for assays should be determined by the user. Antibody Species Reactivity: WB IHC IP ELISA WB (1:5000, ICC/IF (1:120); optimal dilutions for assays should be determined by the user. Antibody Positive Control: WB IHC IP ELISA WB (1:5000, ICC/IF (1:120); optimal dilutions for assays should be determined by the user. Antibody Species Reactivity: Betep is condary antibody. </th <th>Name Long:</th> <th>Superoxide dismutase [Cu-Zn]</th>	Name Long:	Superoxide dismutase [Cu-Zn]
Human Predicted Mass (KDa): 15.936 (154 AA; P00411-1) Observed SDS-PAGE Mass (KDa): 23 (human) - 19 (other species) Immunogen Janibody Immunogen Source: Human Cu/Zn SOD Production Polycional Antibody Ipse Species: Rabbit Antibody Jype: Polycional Polycional Antibody Uprification: Affinity (antigen) purified Amount: 25 µg Antibody Concentration: 1 mg/ml 15DE1 Storage Buffer: Phosphate buffered saline pH 7.4 pH7.0, 50% glycerol, 0.09% sodium azide Storage Buffer: Phosphate buffered saline pH 7.4 pH7.0, 50% glycerol, 0.09% 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. 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. Antibody Dilution Recommended: WB (115000). ICC/IF (1:120); optimal dilutions for assays should be determined by the user. Antibody Species React	Alias:	Superoxide dismutase1, ALS1, IPOA, SOD1, SOD2, SODC
Observed SDS-PAGE Mass (KDa): 23 (human) - 19 (other species) Immunogen Antibody Immunogen Source: Human Cu/Zn SOD Production Antibody Host Species: Rabbit Antibody Type: Polyclonal Antibody Ig Isotype Clone Lot: 180 Mix Antibody Purification: Affinity (antigen) purified Amount: 25 µg Antibody Concentration: 1 mg/ml Lot Number: 15DE1 Storage Buffer: Phosphate buffered saline pH 7.4 pH7.0, 50% glycerol, 0.09% 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 IHC IP ELISA WB (15000), ICC/IF (1:120); optimal dilutions for assays should be determined by the user. Antibody Species Reactivity: WB (16:5000), ICC/IF (1:120); optimal dilutions for assays should be determined by the user. Antibody Positive Control: UB (14 IP ELISA WB (15:000), ICC/IF (1:120); optimal dilutions for assays should be determined by the user.	UniProt ID:	P00441 - Human
Immunogen Antibody Immunogen Source: Human Cu/Zn SOD Production Antibody Host Species: Antibody Host Species: Rabbit Antibody Ig lostype Clone Lot: 180 Mix Antibody Purification: Affinity (antigen) purified Amount: 25 µg Antibody Concentration: 1 mg/ml Lot Number: 15DE1 Storage Buffer: Phosphate buffered saline pH 7.4 pH7.0, 50% glycerol, 0.09% 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 HC IP ELISA WB (1:5000), ICC/IF (1:120); optimal dilutions for assays should be determined by the user. Antibody Species Reactivity: WB HC IP ELISA Antibody Positive Control: WB HC IP ELISA Antibody Positive Control: Detects a ~23 kDa protein (Mussel O. melastigma (Fish) 0.2 µg/ml of SPC-116 was sufficient for detection of Cu/Zn SOD in 20 µg of HeLa cell lysate by colorimetric immunoblot analysis using Goat anti-rabbit IgG: AP as the secondary antibody. Target Detection Immunoblotting: Detects a ~23 kDa protein (human) an ~19 kDa	Human Predicted Mass (KDa):	15.936 (154 AA; P00441-1)
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Antibody Type: Polyclonal Antibody Ig Isotype Clone Lot: 180 Mix Antibody Purification: Affinity (antigen) purified Amount: 25 µg Antibody Concentration: 1 mg/ml Lot Number: 15DE1 Storage Buffer: Phosphate buffered saline pH 7.4 pH7.0, 50% glycerol, 0.09% 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 IHC IP ELISA Antibody Dilution Recommended: WB (1:5000), ICC/IF (1:120); optimal dilutions for assays should be determined by the user. Antibody Species Reactivity: Human Rat Mouse Bovine Monkey Coral Dog Hamster Pig Rabbit Sheep Xenopus Perna viridis (Mussel) O. melastigma (Fish) Antibody Positive Control: 0.2 µg/ml of SPC-116 was sufficient for detection of Cu/Zn SOD in 20 µg of HeLa cell lysate by colorimetric immunoblot analysis using Goat anti-rabbit IgG:AP as the secondary antibody. Target Detection Immunoblotting: Detects a ~23 kDa protein (human) and ~19 kDa protein (other species).	Production	
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Antibody Purification:Affinity (antigen) purifiedAmount:25 µgAntibody Concentration:1 mg/mlLot Number:15DE1Storage Buffer:Phosphate buffered saline pH 7.4 pH7.0, 50% glycerol, 0.09% 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.ApplicationsVProduct Use:WB IHC IP ELISAAntibody Dilution Recommended:WB (1:5000), ICC/IF (1:120); optimal dilutions for assays should be determined by the user.Antibody Species Reactivity:WB (1:5000), ICC/IF (1:120); optimal dilutions for assays should be determined by the user.Antibody Positive Control:0.2 µg/ml of SPC-116 was sufficient for detection of Cu/Zn SOD in 20 µg of HeLa cell lysate by colorimetric immunoblot analysis using Goat anti-rabbit IgG:AP as the secondary antibody.Target Detection Immunoblotting:Detects a ~23 kDa protein (human) and ~19 kDa protein (other species).	Antibody Type:	Polyclonal
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	Antibody Positive Control:	cell lysate by colorimetric immunoblot analysis using Goat anti-rabbit IgG:AP as
Antibody Specificity: Very high	Target Detection Immunoblotting:	Detects a ~23 kDa protein (human) and ~19 kDa protein (other species).
	Antibody Specificity:	Very high

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

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