

AB-NN098-3

SOD (Cu/Zn) Antibody

Pan-specific polyclonal antibody for monitoring the expression of rat SOD (Cu/Zn)



KINEXUS

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Target Protein

Name Long:	Superoxide dismutase [Cu-Zn]
Alias:	Superoxide dismutase1, ALS1, IPOA, SOD1, SOD2, SODC
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

Antibody Immunogen Source:	Rat Cu/Zn SOD
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Production

Antibody Host Species:	Rabbit
Antibody Type:	Polyclonal
Antibody Ig Isotype Clone Lot:	33 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
Storage 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 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

Product Use:	WB IHC ICC/IF IP ELISA
Antibody Dilution Recommended:	WB (1:2000); optimal dilutions for assays should be determined by the user.
Antibody Species Reactivity:	Human Rat Mouse Bovine
Antibody Positive Control:	0.5 µg/ml of SPC-115 was sufficient for detection of Cu/Zn SOD in 20 µg of rat brain tissue extract 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).

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

For more information on our products please visit www.kinexusproducts.ca or contact us at 1-888-546-3987