

AB-NN098-5

SOD1 (U β B) Antibody

Pan-specific polyclonal antibody for monitoring the expression of human SOD1 (U β B)



KINEXUS

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Target Protein

Name Long:	Superoxide dismutase 1 [Cu-Zn]
Alias:	Superoxide dismutase 1, SOD, SOD1 unfolded beta barrel region
UniProt ID:	P00441 - Human
Human Predicted Mass (KDa):	15.936 (154 AA; P00441-1)
Observed SDS-PAGE Mass (KDa):	23

Immunogen

Antibody Immunogen Source:	N-terminal region of SOD1, unfolded beta barrel region
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Production

Antibody Host Species:	Rabbit
Antibody Type:	Polyclonal
Antibody Ig Isotype Clone Lot:	37 Mix
Antibody Purification:	Affinity purified
Amount:	25 μ g
Antibody Concentration:	1 mg/ml
Lot Number:	15DE1
Storage Buffer:	Phosphate buffered saline pH 7.4, 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 ICC/IF
Antibody Dilution Recommended:	WB (1:1000), ICC/IF (1:100); optimal dilutions for assays should be determined by the user.
Antibody Species Reactivity:	Human Mouse Rat
Antibody Positive Control:	1 μ g/ml of SPC-205 was sufficient for detection of the unfolded beta barrel of SOD1 by colorimetric dot blot analysis using Goat anti-rabbit IgG:HRP as the secondary antibody.
Target Detection Immunoblotting:	Recognizes a conformation specific epitope where the beta barrel is unfolded.

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