

# AB-NN098-4

## SOD1 (EDI) Antibody

Pan-specific polyclonal antibody for monitoring the expression of human SOD1 (EDI)



# KINEXUS

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### Target Protein

<b>Name Long:</b>	Superoxide dismutase 1 [Cu-Zn]
<b>Alias:</b>	Superoxide dismutase 1, SOD, SOD1 exposed dimer interface
<b>UniProt ID:</b>	P00441 - Human
<b>Human Predicted Mass (KDa):</b>	15.936 (154 AA; P00441-1)
<b>Observed SDS-PAGE Mass (KDa):</b>	23

### Immunogen

<b>Antibody Immunogen Source:</b>	N-terminal region of SOD1, exposed dimer interface (EDI)
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### Production

<b>Antibody Host Species:</b>	Rabbit
<b>Antibody Type:</b>	Polyclonal
<b>Antibody Ig Isotype Clone Lot:</b>	36 Mix
<b>Antibody Purification:</b>	Affinity purified
<b>Amount:</b>	25 µg
<b>Antibody Concentration:</b>	1 mg/ml
<b>Lot Number:</b>	15DE1
<b>Storage Buffer:</b>	Phosphate buffered saline pH 7.4, 50% glycerol, 0.09% sodium azide
<b>Storage Conditions and Stability:</b>	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

<b>Product Use:</b>	WB
<b>Antibody Dilution Recommended:</b>	WB (1:1000); optimal dilutions for assays should be determined by the user.
<b>Antibody Species Reactivity:</b>	Human   Mouse   Rat
<b>Antibody Positive Control:</b>	1µg/ml of SPC-206 was sufficient for detection of the exposed dimer interface of SOD1 by colorimetric dot blot analysis using Goat anti-rabbit IgG:HRP as the secondary antibody.
<b>Target Detection Immunoblotting:</b>	Recognizes a conformation specific epitope where the dimer interface is exposed.

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](http://www.kinexusproducts.ca) or contact us at 1-888-546-3987