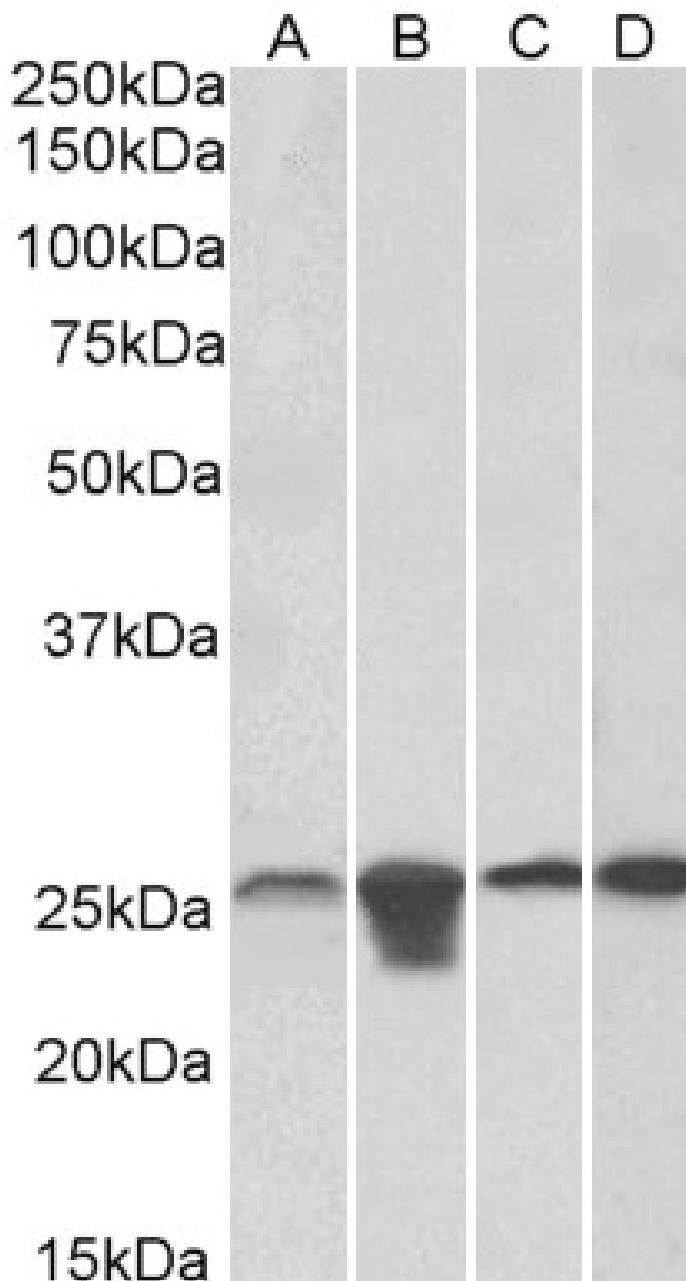


## GOAT ANTI-MNSOD (AA119-130) ANTIBODY

SKU: EB10972



# SPECIFICATIONS

<b>Formulation</b>	Supplied at 0.5 mg/ml in Tris saline, 0.02% sodium azide, pH7.3 with 0.5% bovine serum albumin.
<b>Unit Size</b>	100 µg
<b>Storage</b>	Aliquot and store at -20°C. Minimize freezing and thawing.
<b>Instructions</b>	
<b>Synonym /</b>	superoxide dismutase [Mn], mitochondrial  manganese-containing superoxide dismutase  indophenoloxidase
<b>Alias</b>	B  Mn superoxide dismutase  MVCD6  MNSOD  IPOB  RP1-56L9.2  superoxide dismutase 2, mitochondrial SOD2
<b>Names</b>	
<b>Accession ID</b>	NP_000627.2; NP_001019637.1
<b>Blocking Peptide</b>	EBP10972
<b>Immunogen</b>	Peptide with sequence C-EAIKRDFGSFDK, from the internal region of the protein sequence according to NP_000627.2; NP_001019637.1. NB: The immunizing peptide represents the acetylation site including K122 according to isoform A. This antibody is expected to recognize both reported isoforms (NP_000627.2; NP_001019637.1) . Reported variants represent identical protein: NP_000627.2; NP_001019637.1.
<b>Product Comments</b>	
<b>Peptide Sequence</b>	C-EAIKRDFGSFDK
<b>Purification Method</b>	Purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide.
<b>Shipping Instructions</b>	Refrigerated
<b>Predicted Species</b>	Human, Mouse, Rat, Dog, Pig, Cow, Zebrafish
<b>Reactive Species</b>	Human, Mouse, Rat, Pig
<b>Human Gene ID</b>	6648
<b>Mouse Gene ID</b>	20656
<b>Rat Gene ID</b>	24787
<b>Product Grade</b>	<a href="https://prod-vector-labs-pimcore-assets.s3.us-east-1.amazonaws.com/assets/products/image/elite_medium.png">https://prod-vector-labs-pimcore-assets.s3.us-east-1.amazonaws.com/assets/products/image/elite_medium.png</a>
<b>IHC Results</b>	Paraffin embedded Human Skeletal Muscle. Recommended concentration: 5µg/ml.
<b>ELISA Detection Limit</b>	Antibody detection limit dilution 1:64000.
<b>Western Blot</b>	Approx 24kDa band observed in Human Brain (cerebellum) lysates and in Mouse and Rat Brain and Spinal Cord lysates, while approx 26kDa band was observed in lysates of cell lines HeLa, HepG2, HEK293 and NIH3T3 (calculated MW of 24.8kDa according to Human NP_000627.2, and 24.6kDa according to Mouse NP_038699.2). Recommended concentration: 0.01-0.1µg/ml. Primary incubation was 1 hour.
<b>Application Type</b>	Pep-ELISA, WB, IHC

## DOCUMENTS

- [Data Sheet](#)

## GALLERY IMAGES

