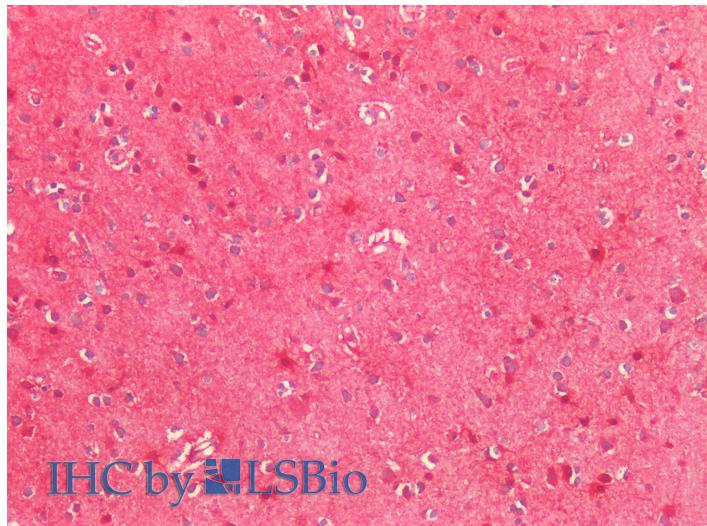


## GOAT ANTI-MNSOD (ISOFORM A) ANTIBODY

**SKU:** EB10971



## SPECIFICATIONS

**Formulation** Supplied at 0.5 mg/ml in Tris saline, 0.02% sodium azide, pH7.3 with 0.5% bovine serum albumin.

**Unit Size** 100 µg

**Storage Instructions** Aliquot and store at -20°C. Minimize freezing and thawing.

**Synonym / Alias** superoxide dismutase [Mn], mitochondrial| manganese-containing superoxide dismutase| indophenoloxidase B| Mn superoxide dismutase| MVCD6| MNSOD| IPOB| RP1-56L9.2| superoxide dismutase 2, mitochondrial|SOD2

**Names** Names  
**Accession ID** NP\_000627.2

**Blocking Peptide** EBP10971

**Immunogen** Peptide with sequence C-DVTAQIALQPALKFN, from the internal region of the protein sequence according to NP\_000627.2.

**Product Comments** This antibody is expected to recognize isoform A (NP\_000627.2) only. Reported variants represent identical protein: NP\_000627.2; NP\_001019636.1.

**Peptide Sequence** C-DVTAQIALQPALKFN

**Purification Method** 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, Pig, Cow
<b>Reactive Species</b>	Human
<b>Human Gene ID</b>	6648
<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 Cortex. Recommended concentration: 5µg/ml.
<b>ELISA Detection Limit</b>	Antibody detection limit dilution 1:32000.
<b>Western Blot</b>	Approx 23kDa band observed in Human Brain (Cerebellum, Cerebral Cortex) and HeLa lysates (calculated MW of 24.8kDa according to NP_000627.2). Recommended concentration: 0.01-0.03µg/ml. Primary incubation was 1 hour.
<b>Application Type</b>	Pep-ELISA, WB, IHC

## DOCUMENTS

- [Data Sheet](#)

## GALLERY IMAGES

