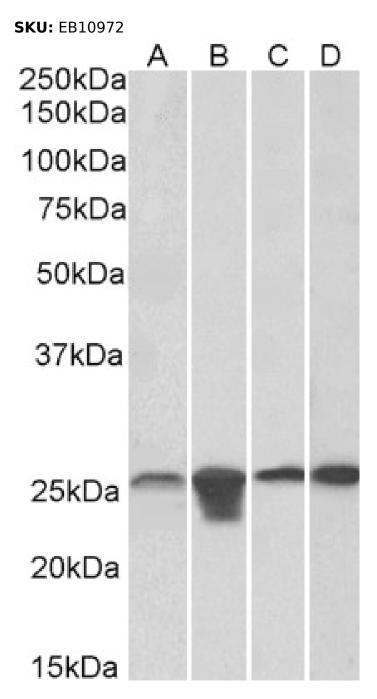




Telephone: (650) 697-3600

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







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## **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

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

Synonym /

Names

ID

**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

Accession

NP 000627.2; NP 001019637.1

**Blocking** 

EBP10972

**Peptide Immunogen** 

Peptide with sequence C-EAIKRDFGSFDK, from the internal region of the protein sequence according to NP\_000627.2; NP\_001019637.1.

**Product Comments**  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.

**Peptide** 

Sequence

C-EAIKRDFGSFDK

Purification Purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography

Method using the immunizing peptide.

Shipping

Instructions

Refrigerated

**Predicted** 

**Species** 

Human, Mouse, Rat, Dog, Pig, Cow, Zebrafish

Reactive

**Species** 

Human, Mouse, Rat, Pig

Human

6648 Gene ID

Mouse

20656

Gene ID

Rat Gene ID 24787

**Product** Grade

https://prod-vector-labs-pimcore-assets.s3.us-east-1.amazonaws.com/assets/products/image/elite\_medium.png

IHC Results Paraffin embedded Human Skeletal Muscle. Recommended concentration: 5µg/ml.

**ELISA** 

**Detection** Antibody detection limit dilution 1:64000.

Limit

**Blot** 

Western

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.

**Application** 

Pep-ELISA, WB, IHC Type





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## **GALLERY IMAGES**

