

Anti-MNSOD antibody (119-130) (STJ72599)

STJ72599

GENERAL INFORMATION

Product Type	Primary antibodies
Short Description	Goat polyclonal antibody anti-MNSOD (119-130) is suitable for use in ELISA, Western Blot, Immunohistochemistry and Flow Cytometry research applications.
Applications	Pep-ELISA, WB, IHC, FC
Host/Source	Goat
Reactivity	Human, Mouse, Rat, Dog, Pig, Cow, Zebrafish

PRODUCT PROPERTIES

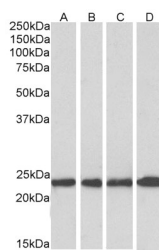
Clonality	Polyclonal
Clone ID	
Concentration	0.5 mg/mL
Conjugation	Unconjugated
Purification	Purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide.
Dilution Range	IHC-5µg/ml ELISA-antibody detection limit dilution 1:64000.
Formulation	0.5 mg/ml in Tris saline, 0.02% sodium azide, pH7.3 with 0.5% bovine serum albumin. NA
Isotype	IgG
Storage Instruction	Store at -20 on receipt and minimise freeze-thaw cycles.

TARGET INFORMATION

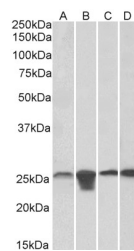
Gene ID	6648
Gene Symbol	SOD2
Uniprot ID	SODM_HUMAN
Immunogen Region	119-130
Specificity	NB: The immunizing peptide represents the acetylation site including K122 according to isoform A. This antibody is expected to recognize both reported isoforms (NP_000627.2; NP_001019637.1). Reported variants represent identical protein: NP_000627.2;

Immunogen Sequence

EAIKRDFGSFDK



STJ72599 (0.3µg/ml) staining of Human Cerebellum (A), Mouse Brain (B), Rat Brain (C) and Pig Brain (D) lysates (35µg protein in RIPA buffer). Detected by chemiluminescence.



STJ72599 (0.1µg/ml) staining of HeLa, HepG2, HEK293 and NIH3T3 (35µg protein in RIPA buffer). Detected by chemiluminescence.



STJ72599 (0.01µg/ml) staining of Mouse (A) and Rat (B) Spinal Cord lysates (35µg protein in RIPA buffer). Detected by chemiluminescence.