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

GENERAL INFORMATION

Product Type	Primary antibodies
Applications	Pep-ELISA/WB/IHC
Host / Source	Goat
Reactivity	Human/Mouse/Rat/Dog/Pig/Cow/Zebrafish

PRODUCT PROPERTIES

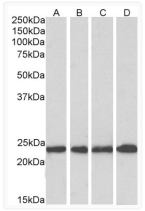
Clonality	Polyclonal
Concentration	0.5 mg/mL
Conjugation	Unconjugated
Purification	Purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide.
Dilution Range	Peptide ELISA: antibody detection limit dilution 1:64000. WB: Approx 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, H
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°C on receipt and minimise freeze-thaw cycles.

TARGET INFORMATION

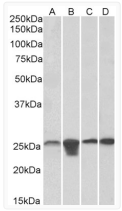
Gene ID	6648
Gene Symbol	SOD2
UniProt ID	SODM_HUMAN
Immunogen Region	119-130
Immunogen Sequence	EAIKRDFGSFDK
Specificity	NB: The immunizing peptide represents the acetylation site including K122 according to isoform A. This antibody is expected to recognize both reported isoforms (NP_000627.2; NP_001019637.1).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

ADDITIONAL INFORMATION

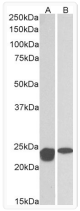
Note	STRICTLY FOR FURTHER SCIENTIFIC RESEARCH USE ONLY (RUO). MUST NOT TO BE USED IN DIAGNOSTIC OR THERAPEUTIC APPLICATIONS.



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.