Anti-SOD1 antibody (Internal) (STJ70903)

STJ70903

GENERAL INFORMATION

Product Type Primary antibodies
Short Description Goat polyclonal antibody anti-SOD1 (Internal) is suitable for use in ELISA, Western Blot and Immunofluorescence research applications.
Applications Pep-ELISA/WB/IF
Host/Source Goat
Reactivity Human/Mouse/Rat/Dog

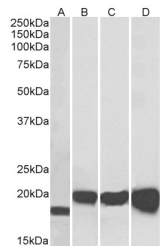
PRODUCT PROPERTIES

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 Peptide ELISA: antibody detection limit dilution 1:8000.
WB: Approx 18kDa band observed in Mouse Brain and Rat Spinal Cord lysates, and in lysates of cell line NIH3T3. Approx 20kDa observed in lysates of cell lines HEK293, HepG2 and MCF7 (calcula
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.

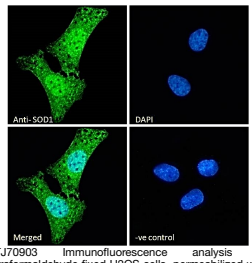
TARGET INFORMATION

Gene ID 6647
Gene Symbol SOD1
Uniprot ID SODC_HUMAN
Immunogen
Immunogen Region Internal
Specificity
Immunogen Sequence SRKHGGPKDEERH

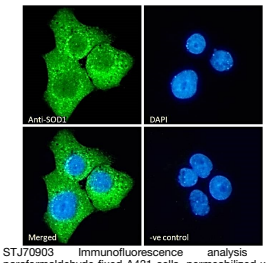
STJ70903 (0. 02Âµg/ml) staining of Mouse Brain lysate (35Âµg protein in RIPA buffer). Detected by chemiluminescence.



STJ70903 (0. 01Âµg/ml) staining of NIH3T3 (A) , HEK293 (B) , HepG2 (C) and MCF7 (D) lysates (35Âµg protein in RIPA buffer). Detected by chemiluminescence.



STJ70903 Immunofluorescence analysis of paraformaldehyde fixed U2OS cells, permeabilized with 0. 15% Triton. Primary incubation 1hr (10ug/ml) followed by Alexa Fluor 488 secondary antibody (2ug/ml) , showing nuclear and cytoplasmic staining. The nuclear stain is DAPI (blue). Negative control: Unimmunized goat IgG (10ug/ml) followed by Alexa Fluor 488 secondary antibody (2ug/ml).



STJ70903 Immunofluorescence analysis of paraformaldehyde fixed A431 cells, permeabilized with 0. 15% Triton. Primary incubation 1hr (10ug/ml) followed by Alexa Fluor 488 secondary antibody (2ug/ml) , showing cytoplasmic staining. The nuclear stain is DAPI (blue). Negative control: Unimmunized goat IgG (10ug/ml) followed by Alexa Fluor 488 secondary antibody (2ug/ml).

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