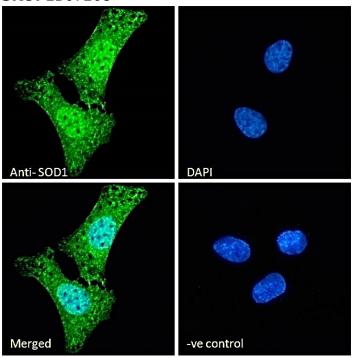
Email: customerservice@vectorlabs.com

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GOAT ANTI-SOD1 ANTIBODY

SKU: EB07208



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

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

Synonym /

epididymis secretory protein Li 44|hSod1|HEL-S-44|superoxide dismutase, cystolic|superoxide dismutase 1,

Alias

soluble|indophenoloxidase A|SOD, soluble|Cu/Zn superoxide

Names

dismutase|SOD|IPOA|ALS1|ALS|HGNC:11179|superoxide dismutase 1, soluble (amyotrophic lateral sclerosis 1

(adult))|SOD1

Usage

Immunofluorescence: Strong expression of the protein seen in the nucleus and cytoplasm

of U2OS cells and the cytoplasm of A431 cells. Recommended concentration: 10µg/ml.

Summary

Additional validation: This antibody has been successfully used in the following paper:

Sikorski et al. (2018) PMID: 30377371.

Accession ID

NP_000445.1





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Blocking EBP07208

Peptide

Peptide with sequence C-SRKHGGPKDEERH, from the internal region of the protein sequence according to **Immunogen**

NP 000445.1.

Peptide Sequence

C-SRKHGGPKDEERH

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

Method using the immunizing peptide.

Shipping

Refrigerated Instructions

Predicted

Human, Mouse, Rat, Dog

Species

Reactive Human, Mouse

Species Human

6647

Gene ID

Mouse Gene ID

20655

Rat Gene ID 24786

Product Grade

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

ELISA

Detection Antibody detection limit dilution 1:8000.

Limit

Blot

Approx 18kDa band observed in Mouse Brain and Rat Spinal Cord lysates, and in lysates of cell line NIH3T3.

Western

Approx 20kDa observed in lysates of cell lines HEK293, HepG2 and MCF7 (calculated MW of 15.9kDa according

to Human NP 000445.1, Mouse NP 035564.1 and Rat NP 058746.1). Recommended concentration:

0.01-0.03µg/ml. Primary incubation 1 hour at room temperature. This antibody has been successfully used in

Western blot on Mouse: Frazziano G et al. (2014) PMID: 24213612.

Application

Pep-ELISA, WB, IF **Type**

SELECTED REFERENCES

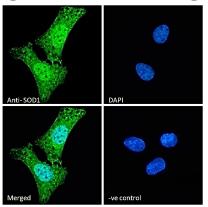
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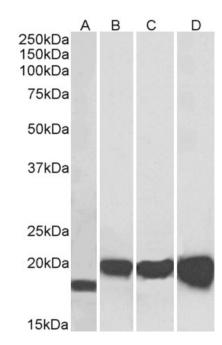


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