SOD1 Antibody

Rabbit Polyclonal

Antigen Affinity Purified

Catalog No. A303-812A

Lot No. A303-812A-1

Protein ID NP_000445.1

GeneID 6647

APPLICATIONS	WB, IHC
SPECIES REACTIVITY	Human
PRESUMED REACTIVITY	Based on 100% sequence identity, this antibody is predicted to react with Mouse, Rat, Dog, Guinea pig_10141 and Chimpanzee
AMOUNT	100 µl
CONCENTRATION	1000 µg/ml
STORAGE/SHELF LIFE	2 - 8° C / 1 year from date of receipt
PHYSICAL STATE	Liquid
BUFFER	Tris-citrate/phosphate buffer, pH 7 to 8 containing 0.09% Sodium Azide
ISOTYPE	IgG
ORIGIN	USA
PRODUCTION PROCEDURES	Antibody was affinity purified using an epitope specific to SOD1 immobilized on solid support. The epitope recognized by A303-812A maps to a region between residue 104 and 154 of human Superoxide Dismutase 1 using the numbering given in entry NP_000445.1 (GeneID 6647). Antibody concentration was determined by extinction coefficient: absorbance at 280 nm of 1.4 equals 1.0 mg of IgG.
APPLICATIONS	Centrifuge tube to remove product from lid. Optimal working dilutions should be determined experimentally by the investigator. Prepare working dilution immediately before use.

Western Blot	1:2,000 - 1:10,000
Immunoprecipitation	Not recommended
Immunohistochemistry	1:500 - 1:2,000. Epitope retrieval with citrate buffer pH 6.0 is recommended for FFPE tissue sections.

APPLICATION NOTES	Western blot of lysates performed using standard western blot reagents and 4-12% SDS-PAGE.
IHC HUMAN CONTROLS	Breast Carcinoma, Osteosarcoma, Ovarian Carcinoma
ADDITIONAL INFO	Please visit our website for additional product information.

This document certifies that this product has met all of the quality control standards defined by Bethyl Laboratories, Inc.

Eric McIntush, PhD | Chief Scientific Officer Date: June 21, 2019

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