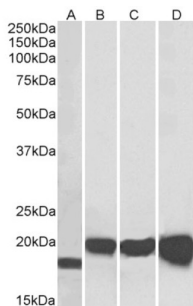


Superoxide Dismutase 1 (SOD1) Antibody

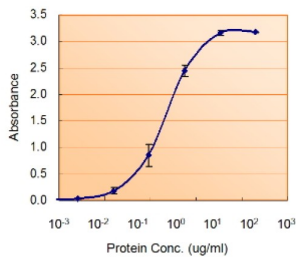
Catalogue No.:abx431601



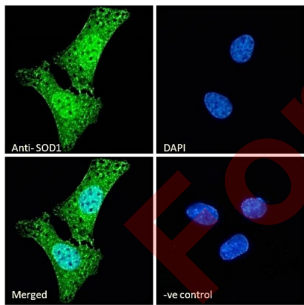
abx431601 (0.02 µg/ml) staining of Mouse Brain lysate (35 µg protein in RIPA buffer).
Detected by chemiluminescence.



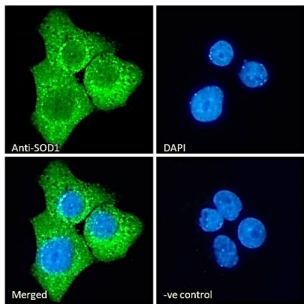
abx431601 (0.01 µg/ml) staining of NIH3T3 (A), HEK293 (B), HepG2 (C) and MCF7 (D)
lysates (35 µg protein in RIPA buffer). Detected by chemiluminescence.



Immunofluorescence analysis of paraformaldehyde fixed U2OS cells, permeabilized with 0.15% Triton. Primary incubation 1hr (10 µg/ml) followed by Alexa Fluor 488 secondary antibody (2 µg/ml), showing nuclear and cytoplasmic staining. The nuclear stain is DAPI (blue). Negative control: Unimmunized goat IgG (10 µg/ml) followed by Alexa Fluor 488 secondary antibody (2 µg/ml).



Immunofluorescence analysis of paraformaldehyde fixed A431 cells, permeabilized with 0.15% Triton. Primary incubation 1hr (10 µg/ml) followed by Alexa Fluor 488 secondary antibody (2 µg/ml), showing cytoplasmic staining. The nuclear stain is DAPI (blue). Negative control: Unimmunized goat IgG (10 µg/ml) followed by Alexa Fluor 488 secondary antibody (2 µg/ml).



Datasheet

Version: 4.0.0
Revision date: 22 Sep 2025



SOD1 Antibody is a Goat Polyclonal antibody against SOD1.

Target:	Superoxide Dismutase 1 (SOD1)
Clonality:	Polyclonal
Reactivity:	Human, Mouse
Tested Applications:	P-ELISA, WB, IF/ICC
Host:	Goat
Recommended dilutions:	P-ELISA: 1/8000. Optimal dilutions/concentrations should be determined by the end user.
Conjugation:	Unconjugated
Immunogen:	abx269883 - Internal region: C-SRKHGGPKDEERH
Isotype:	IgG
Form:	Liquid
Purification:	Purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide.
Storage:	Aliquot and store at -20°C. Avoid repeated freeze/thaw cycles.
Gene Symbol:	SOD1
GeneID:	6647 20655 24786
NCBI Accession:	NP_000445.1
Buffer:	Tris saline, pH 7.3, containing 0.02% sodium azide and 0.5% bovine serum albumin.
Concentration:	0.5 mg/ml
Note:	THIS PRODUCT IS FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC, THERAPEUTIC OR COSMETIC PROCEDURES. NOT FOR HUMAN OR ANIMAL CONSUMPTION.