

SOD2 antibody [1H6]

Cat. No. GTX31147

Host	Mouse
Clonality	Monoclonal
Isotype	IgG
Application	WB, ICC/IF, IHC-P, IP
Reactivity	Human

Package
100 µg

APPLICATION

Application Note

*Optimal dilutions/concentrations should be determined by the researcher.

Suggested dilution	Recommended dilution
WB	1-2 µg/mL
ICC/IF	2 µg/ml
IHC-P	1:100
IP	2 µg

Not tested in other applications.

Calculated MW 25 kDa. ([Note](#))

PROPERTIES

Form	Liquid
Buffer	PBS, 1mg/ml BSA, 30% Glycerol
Preservative	0.05% Sodium azide
Storage	Store as concentrated solution. Centrifuge briefly prior to opening vial. For short-term storage (1-2 weeks), store at 4°C. For long-term storage, aliquot and store at -20°C or below. Avoid multiple freeze-thaw cycles.
Concentration	1 mg/ml (Please refer to the vial label for the specific concentration.)
Immunogen	Full length recombinant protein of human SOD2
Purification	Protein A purified
Conjugation	Unconjugated

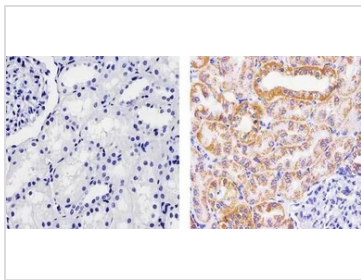
Note

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DATA IMAGES

GTX31147 IHC-P Image

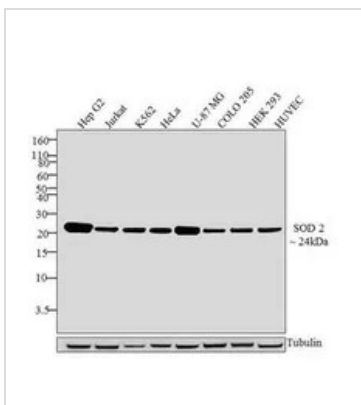
IHC-P analysis of human kidney tissue using GTX31147 SOD2 antibody [1H6].

Right : Primary antibody

Left : Negative control without primary antibody

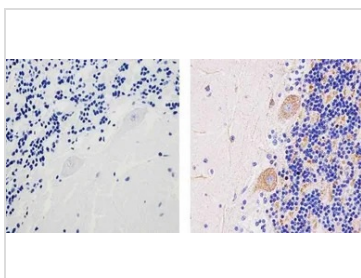
Antigen retrieval : 10mM sodium citrate (pH 6.0), microwaved for 8-15 min

Dilution : 1:100


GTX31147 WB Image

WB analysis of whole cell extracts (30 µg lysate) of HepG2 (Lane 1), Jurkat (Lane 2), K562 (Lane 3), HeLa (Lane 4), U-87 MG (Lane 5), COLO 205 (Lane 6), HEK293 (Lane 7) and HUVEC (Lane 8) using GTX31147 SOD2 antibody [1H6].

Dilution : 1-2 µg/ml


GTX31147 IHC-P Image

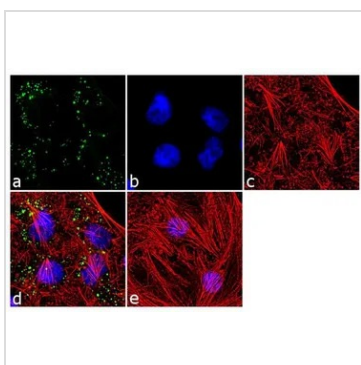
IHC-P analysis of human cerebellum tissue using GTX31147 SOD2 antibody [1H6].

Right : Primary antibody

Left : Negative control without primary antibody

Antigen retrieval : 10mM sodium citrate (pH 6.0), microwaved for 8-15 min

Dilution : 1:100


GTX31147 ICC/IF Image

ICC/IF analysis of HeLa cells using GTX31147 SOD2 antibody [1H6]. Panel e is a no primary antibody control.

Green : Primary antibody

Blue : Nuclei

Red : Actin

Fixation : 4% paraformaldehyde

Permeabilization : 0.1% Triton, X-100 for 10 minutes

Dilution : 2 µg/ml in 0.1% BSA incubated for 3 hours at room temperature



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