SOD2 antibody [1H6]

Cat. No. GTX31147

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

Package
100 µg

Applications

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, 0.1% 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 4ºC. For long-term storage, aliquot and store at -20ºC 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	For laboratory research use only. Not for any clinical, therapeutic, or diagnostic use in humans or animals. Not for animal or human consumption. Purchasers shall not, and agree not to enable third parties to, analyze, copy, reverse engineer or otherwise attempt to determine the structure or sequence of the product.

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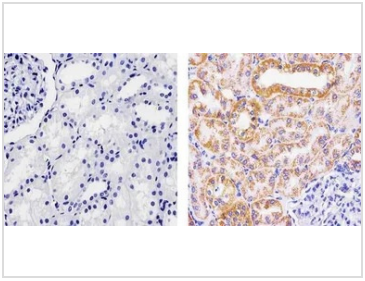
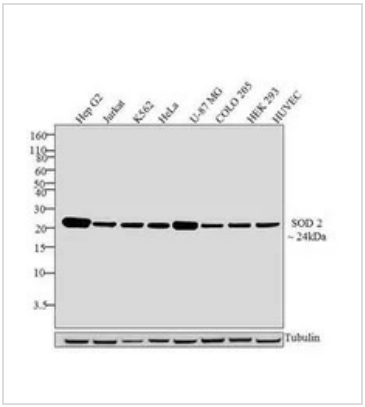
DATA IMAGES



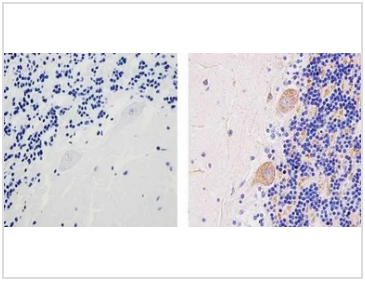
GTX31147 IHC-P Image

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



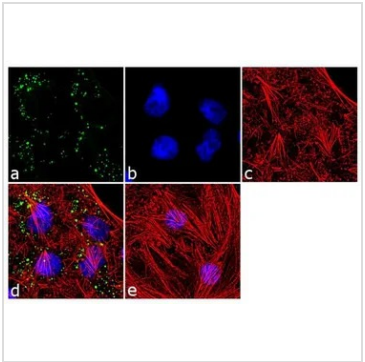
GTX31147 WB Image

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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