Product Datasheet

SOD2 Rabbit Polyclonal Antibody (orb584029)

Description	Rabbit polyclonal antibody to SOD2
Species/Host	Rabbit
Reactivity	Human, Rat
Conjugation	Unconjugated
Tested Applications	WB
Immunogen	The immunogen is a synthetic peptide directed towards the N terminal region of human SOD2
Target	SOD2
Preservatives	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09% (w/v) sodium azide and 2% sucrose.
Form/Appearance	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09% (w/v) sodium azide and 2% sucrose.
Concentration	0.5 mg/ml
Storage	Maintain refrigerated at 2-8°C for up to 2 weeks. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles.
Note	For research use only
Protein Sequence	Synthetic peptide located within the following region: MLSRAVCGTSRQLAPVLGYLGSRQKHSLPDLPYDYGALEPHINAQIMQLH
Clonality	Polyclonal
MW	25 kDa
Uniprot ID	P04179

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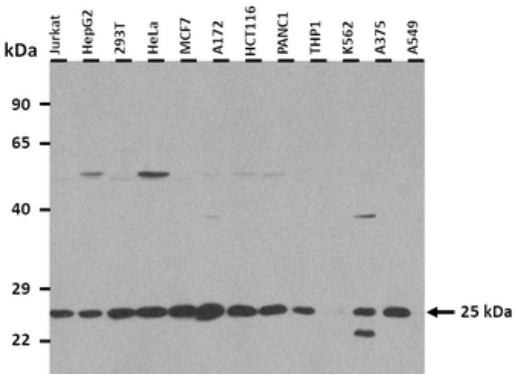
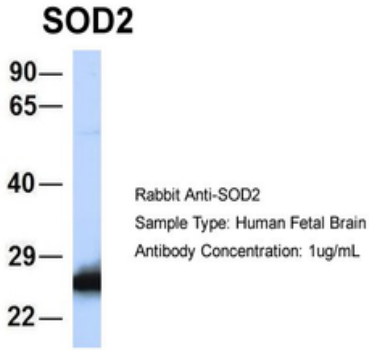
NCBI NP_000627

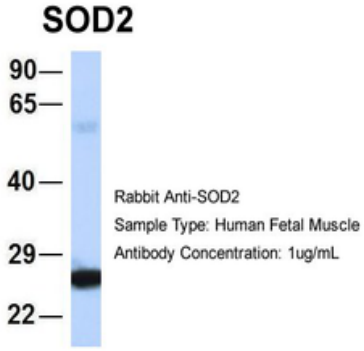
Expiration Date 12 months from date of receipt.



25 ug of the indicated Human whole cell or tissue extracts was loaded onto a 12% SDS-PAGE gel. 1 ug/ml of the antibody was used in this experiment.



Sample Type: Human Fetal Brain, Antibody dilution: 1.0 ug/ml.



Sample Type: Human Fetal Muscle, Antibody dilution: 1.0 ug/ml.

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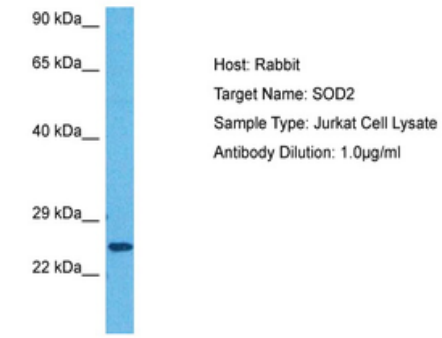
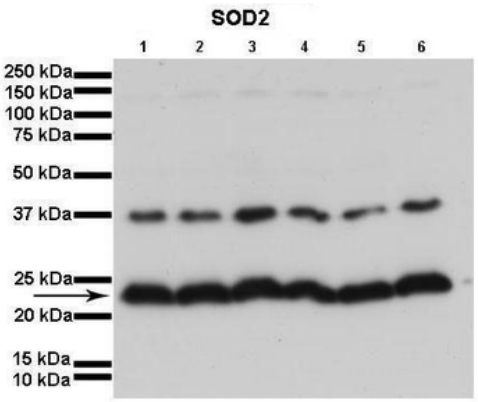
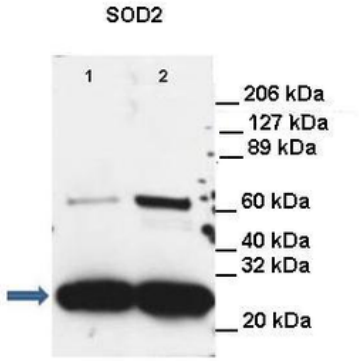


Sample Tissue: Human Jurkat Whole Cell, Antibody dilution: 1 ug/ml.



Lanes: 1. 40 ug HK2 cell (kidney proximal tubular cell line) 2. 40 ug H2O2 treated human HK2 Cell lysate, 3. 40 ug H2O2 treated human HK2 Cell lysate, 4. 40 ug H2O2 treated human HK2 Cell lysate, 5. 40 ug H2O2 treated human HK2 Cell lysate, 6. 40 ug H2O2 treated human HK2 Cell lysate, Primary Antibody dilution: 1:1000, Secondary Antibody: Goat anti-Rabbit HRP, Secondary Antibody dilution: 1:2000, Gene Name: SOD2.



Lanes: 1. 40 ug rat dorsal medulla brain extract 2. 20 ug rat cortax + hypothalamus mitochondria extract, Primary Antibody dilution: 1:2500, Secondary Antibody: Anti-Rabbit HRP, Secondary Antibody dilution: 1:5000, Gene Name: SOD2.

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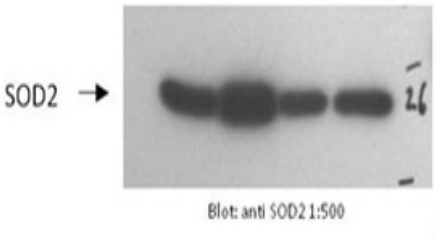
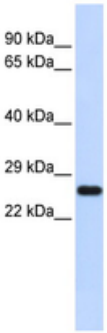


WB Suggested Anti-SOD2 antibody, Titration: 0.4 ug/ml, Positive Control: Rat dorsal medulla brain & cortax + hypothalamus extract.



WB Suggested Anti-SOD2 Antibody Titration: 0.2-1 ug/ml, ELISA Titer: 1:1562500, Positive Control: Human Placenta.

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