

Product Data Sheet

Anti-SOD1 Antibody

Catalog #	Source	Reactivity	Applications
CPA2092	Rabbit	H, B, Mk, Rb, S	WB
Description	Rabbit polyclonal antibody to SOD1		
Immunogen	KLH-conjugated synthetic peptide encompassing a sequence within the center region of human SOD1. The exact sequence is proprietary.		
Purification	The antibody was purified by immunogen affinity chromatography.		
Specificity	Recognizes endogenous levels of SOD1 protein.		
Clonality	Polyclonal		
Form	Liquid in 0.42% Potassium phosphate, 0.87% Sodium chloride, pH 7.3, 30% glycerol, and 0.01% sodium azide.		
Dilution	WB (1/500 - 1/1000)		
Gene Symbol	SOD1		
Alternative Names	Superoxide dismutase [Cu-Zn]; Superoxide dismutase 1; hSod1		
Entrez Gene	6647 (Human)		
SwissProt	P00441 (Human)		
Storage/Stability	Shipped at 4°C. Upon delivery aliquot and store at -20°C for one year. Avoid freeze/thaw cycles.		

Application key: E- ELISA, WB- Western blot, IH- Immunohistochemistry, IF- Immunofluorescence, FC- Flow cytometry, IC- Immunocytochemistry, IP- Immunoprecipitation, ChIP- Chromatin Immunoprecipitation, EMSA- Electrophoretic Mobility Shift Assay, BL- Blocking, SE- Sandwich ELISA, CBE- Cell-based ELISA, RNAi- RNA interference

Species reactivity key: H- Human, M- Mouse, R- Rat, B- Bovine, C- Chicken, D- Dog, G- Goat, Mk- Monkey, P- Pig, Rb- Rabbit, S- Sheep, Z- Zebrafish

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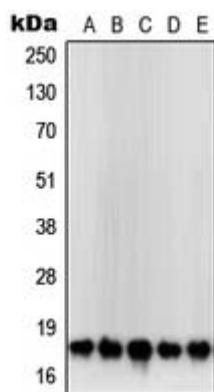
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Western blot analysis of SOD1 expression in HeLa (A), MCF7 (B), Jurkat (C), HepG2 (D), DU145 (E) whole cell lysates.

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