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Datasheet for ABIN350846
anti-SOD4 antibody (Internal Region)

Overview

Quantity:	500 µg
Target:	SOD4
Binding Specificity:	Internal Region
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This SOD4 antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (IHC)

Product Details

Immunogen:	A synthetic peptide from the internal region of human SOD4 conjugated to blue carrier protein was used as the antigen. The peptide shares 95% and 92% identity with mouse and rat sequence respectively.
Isotype:	IgG
Specificity:	Specific for CCS.
Cross-Reactivity:	Human, Mouse
Cross-Reactivity (Details):	Other species not yet tested.
Purification:	IgG

Target Details

Target:	SOD4
Alternative Name:	SOD4 (SOD4 Products)
Background:	Function: Delivers copper to copper zinc superoxide dismutase (SOD1). Subcellular location: Cytoplasm. Tissue specificity: Ubiquitous.,Signal Transduction,Superoxide dismutase copper chaperone, CCS, Copper chaperone for superoxide dismutase, Superoxide Dismutase 4
UniProt:	014618

Application Details

Application Notes:	IHC, WB. A concentration of 10-50 µg/ml is recommended. The optimal concentration should be determined by the end user. Not yet tested in other applications.
Restrictions:	For Research Use only

Handling

Format:	Lyophilized
Reconstitution:	Reconstitute in 500 µL of sterile water. Centrifuge to remove any insoluble material.
Handling Advice:	Avoid freeze and thaw cycles.
Storage:	4 °C/-20 °C
Storage Comment:	Maintain the lyophilised/reconstituted antibodies frozen at -20°C for long term storage and refrigerated at 2-8°C for a shorter term. When reconstituting, glycerol (1:1) may be added for an additional stability. Avoid freeze and thaw cycles.
Expiry Date:	12 months