

## Superoxide Dismutase 1 Rabbit mAb

Catalog No: #52604

Package Size: #52604-1 50ul #52604-2 100ul

Orders: order@signalwayantibody.com

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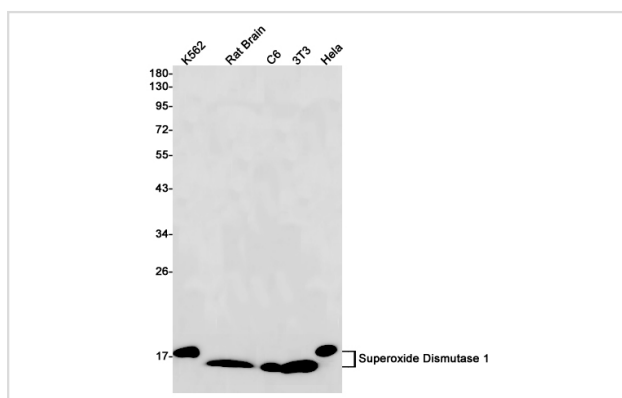
## Description

Product Name	Superoxide Dismutase 1 Rabbit mAb
Host Species	Recombinant Rabbit
Clonality	Monoclonal antibody
Clone No.	S07-1G6
Isotype	Rabbit IgG
Purification	Affinity Purified
Applications	WB IHC
Species Reactivity	Human,Rat
Immunogen Description	A synthetic peptide of human Superoxide Dismutase 1
Conjugates	Unconjugated
Modification	Unmodification
Other Names	ALS; SOD; ALS1; IPOA; hSod1; HEL-S-44; homodimer
Accession No.	Swiss-Prot:P00441GenelD:6647
Uniprot	P00441
GenelD	6647
Calculated MW	Calculated MW: 16 kDa; Observed MW: 18 kDa
Concentration	0.3 mg/ml
Formulation	50mM Tris-Glycine(pH 7.4), 0.15M NaCl, 40% Glycerol, 0.01% Sodium azide and 0.05% BSA
Storage	Store at 4°C short term. Aliquot and store at -20°C long term. Avoid freeze/thaw cycles.

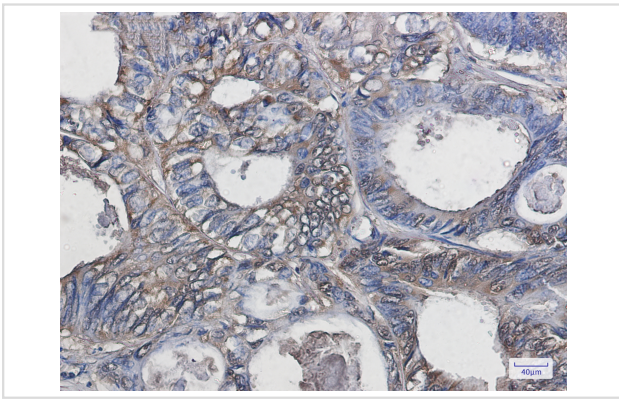
## Application Details

WB: 1/1000; IHC: 1/20;

## Images



Western blot detection of Superoxide Dismutase 1 in K562, Rat Brain, C6, 3T3, HeLa cell lysates using Superoxide Dismutase 1 Rabbit mAb (1:1000 diluted). Predicted band size: 16 kDa. Observed band size: 18 kDa.



Immunohistochemistry of Superoxide Dismutase 1 in paraffin-embedded Human colon cancer tissue using Superoxide Dismutase 1 Rabbit mAb at dilution 1/20

## Background

Swiss-Prot Acc.P00441. Destroys radicals which are normally produced within the cells and which are toxic to biological systems. Miscellaneous The protein (both wild-type and ALS1 variants) has a tendency to form fibrillar aggregates in the absence of the intramolecular disulfide bond or of bound zinc ions. These aggregates may have cytotoxic effects. Zinc binding promotes dimerization and stabilizes the native form.

Note: This product is for in vitro research use only