

Peroxiredoxin 4 Rabbit mAb

Catalog No: #52499



Package Size: #52499-1 50ul #52499-2 100ul

Orders: order@signalwayantibody.com
Support: tech@signalwayantibody.com

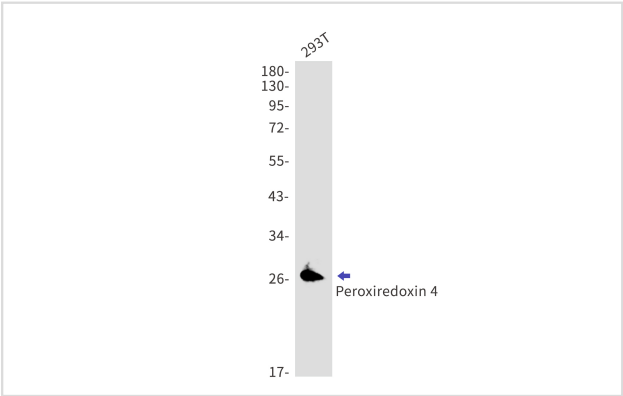
Description

Product Name	Peroxiredoxin 4 Rabbit mAb
Host Species	Recombinant Rabbit
Clonality	Monoclonal antibody
Clone No.	S09-7F9
Isotype	Rabbit IgG
Purification	Affinity Purified
Applications	WB
Species Reactivity	Human,Mouse,Rat
Immunogen Description	A synthetic peptide of human Peroxiredoxin 4
Conjugates	Unconjugated
Modification	Unmodification
Other Names	PRX-4; AOE372; AOE37-2; HEL-S-97n
Accession No.	Swiss-Prot:Q13162GenelD:
Uniprot	Q13162
Calculated MW	Calculated MW: 31 kDa; Observed MW: 27 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: 1/2000-1/10000;

Images



Western blot detection of Peroxiredoxin 4 in 293T lysates using Peroxiredoxin 4 antibody. Predicted band size: 31 kDa. Observed band size: 27 kDa.

Background

Swiss-Prot Acc.Q13162. Thiol-specific peroxidase that catalyzes the reduction of hydrogen peroxide and organic hydroperoxides to water and alcohols,

respectively. Plays a role in cell protection against oxidative stress by detoxifying peroxides and as sensor of hydrogen peroxide-mediated signaling events. Regulates the activation of NF-kappa-B in the cytosol by a modulation of I-kappa-B-alpha phosphorylation.

Note: This product is for in vitro research use only