

Peroxiredoxin 2 Rabbit mAb

Catalog No: #52498

Package Size: #52498-1 50ul #52498-2 100ul

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

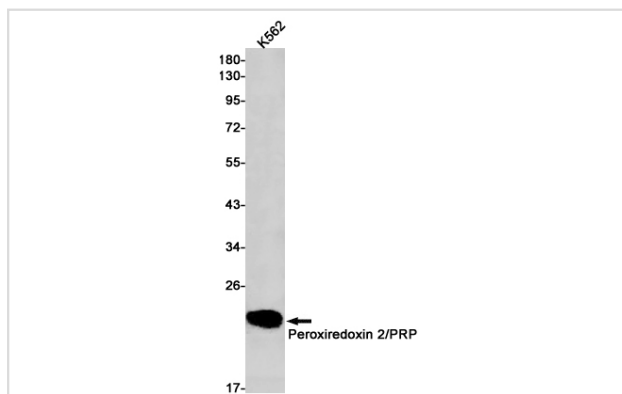
Description

Product Name	Peroxiredoxin 2 Rabbit mAb
Host Species	Recombinant Rabbit
Clonality	Monoclonal antibody
Clone No.	S02-1G5
Isotype	Rabbit IgG
Purification	Affinity Purified
Applications	WB IHC
Species Reactivity	Human,Mouse,Rat
Immunogen Description	A synthetic peptide of human Peroxiredoxin 2
Conjugates	Unconjugated
Modification	Unmodification
Other Names	PRP; TSA; PRX2; PTX1; TPX1; NKEFB; PRXII; TDPX1; NKEF-B; HEL-S-2a
Accession No.	Swiss-Prot:P32119GenelD:
Uniprot	P32119
Calculated MW	Calculated MW: 22 kDa; Observed MW: 22 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.

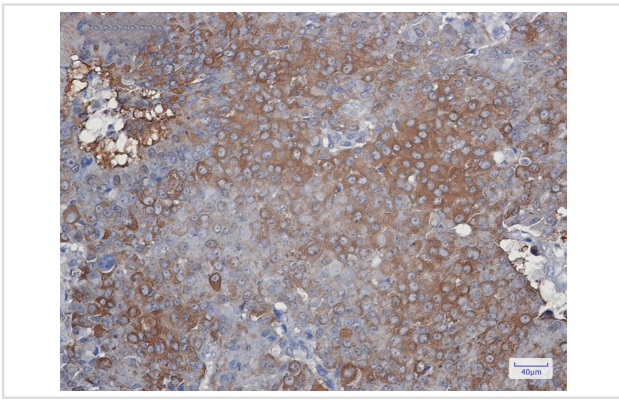
Application Details

WB: 1/1000-1/5000; IHC: 1/50-1/200;

Images



Western blot detection of Peroxiredoxin 2/PRP in K562 cell lysates using Peroxiredoxin 2/PRP Rabbit mAb(1:1000 diluted). Predicted band size:22kDa. Observed band size:22kDa.



Immunohistochemistry of Peroxiredoxin 2 in paraffin-embedded Human breast cancer tissue using Peroxiredoxin 2 Rabbit mAb at dilution 1/50

Background

Swiss-Prot Acc.P32119.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. Might participate in the signaling cascades of growth factors and tumor necrosis factor-alpha by regulating the intracellular concentrations of H₂O₂.

Note: This product is for in vitro research use only