
Product Name: Peroxiredoxin 4 (1T10) Rabbit Monoclonal Antibody**Catalog #: AMRe15993**

For research use only.

Summary

Description	Recombinant rabbit monoclonal antibody
Host	Rabbit
Application	WB,IHC,IF-P
Reactivity	Human,Mouse,Rat
Conjugation	Unconjugated
Modification	Unmodified
Isotype	IgG
Clonality	Monoclonal
Form	Liquid
Concentration	0.42mg/ml. The concentration of this product may be batch-dependent.
Storage	Aliquot and store at -20°C (valid for 12 months). Avoid freeze/thaw cycles.
Shipping	Ice bags
Buffer	Rabbit IgG in phosphate buffered saline , pH 7.4, 150mM NaCl, 0.02% New type preservative N and 50% glycerol. Store at +4°C short term. Store at -20°C long term. Avoid freeze / thaw cycle.
Purification	Affinity purification

Application

Dilution Ratio	WB 1:2000-1:20000,IHC 1:100-1:200,IF-P 1:100-1:200
Molecular Weight	31kDa

Antigen Information

Gene Name	PRDX4
Alternative Names	AOE37-2; PRX-4;
Gene ID	10549.0
SwissProt ID	Q13162
Immunogen	A synthetic peptide of human Peroxiredoxin 4

Background

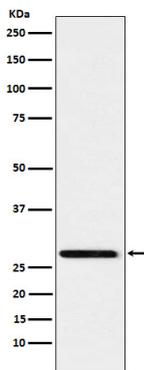
Probably involved in redox regulation of the cell. Regulates the activation of NF-kappa-B in the cytosol by a modulation of I-

kappa-B-alpha phosphorylation. 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.

Research Area

Cell Biology

Image Data



Western blot analysis of Peroxiredoxin 4 expression in HeLa cell lysate.