

Product Name: Peroxiredoxin 3 Rabbit Monoclonal Antibody**Catalog #: AMRe03145**

For research use only.

Summary

Description	Recombinant rabbit monoclonal antibody
Host	Rabbit
Application	WB,IHC,ICC/IF,IP
Reactivity	Human
Conjugation	Unconjugated
Modification	Unmodified
Isotype	IgG
Clonality	Monoclonal
Form	Liquid
Concentration	0.54mg/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	50mM Tris-Glycine(pH 7.4), 0.15M NaCl, 40% Glycerol, 0.01% Sodium azide and 0.05% protective protein
Purification	Affinity Purification

Application

Dilution Ratio	WB 1:500-1:1000,IHC 1:50-1:100,ICC/IF 1:50-1:200,IP 1:20-1:50
Molecular Weight	Calculated MW: 28 kDa; Observed MW: 28 kDa

Antigen Information

Gene Name	PRDX3
Alternative Names	PRDX3; AOP1; Thioredoxin-dependent peroxide reductase; mitochondrial; Antioxidant protein 1; AOP-1; HBC189; Peroxiredoxin III; Prx-III; Peroxiredoxin-3; Protein MER5 homolog
Gene ID	10935
SwissProt ID	P30048
Immunogen	A synthetic peptide of human Peroxiredoxin 3/PRDX3

Background

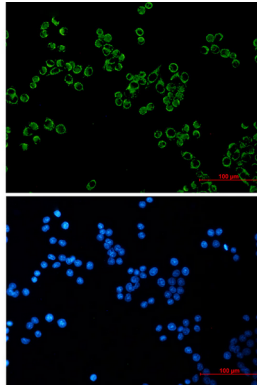
Involved in redox regulation of the cell. Protects radical-sensitive enzymes from oxidative damage by a radical-generating

system. Acts synergistically with MAP3K13 to regulate the activation of NF-kappa-B in the cytosol.

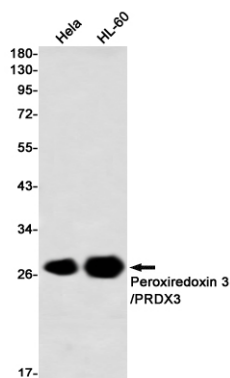
Research Area

Neuroscience

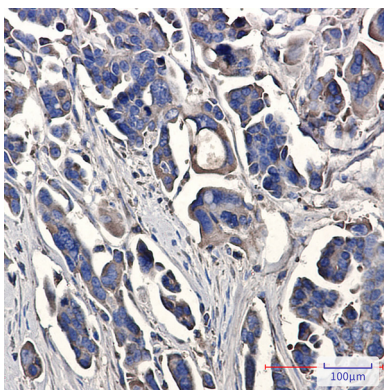
Image Data



Immunocytochemistry analysis of Peroxiredoxin 3 (green) in HeLa using Peroxiredoxin 3 antibody, and DAPI (blue).



Western blot analysis of Peroxiredoxin 3/PRDX3 in HeLa, HL-60, lysates using Peroxiredoxin 3/PRDX3 antibody.



Immunohistochemistry analysis of paraffin-embedded Human Cholangiocarcinoma using Peroxiredoxin 3/PRDX3 antibody. High-pressure and temperature Sodium Citrate pH 6.0 was used for antigen retrieval.