

**Product Name: Peroxiredoxin 5 (18K18) Rabbit
Monoclonal Antibody
Catalog #: AMRe15994**

Summary

Production Name	Peroxiredoxin 5 (18K18) Rabbit Monoclonal Antibody
Description	Rabbit Monoclonal Antibody
Host	Rabbit
Application	WB
Reactivity	Human,Mouse,Rat

Performance

Conjugation	Unconjugated
Modification	Unmodified
Isotype	IgG
Clonality	Monoclonal
Form	Liquid
Storage	Store at 4°C short term. Aliquot and store at -20°C long term. Avoid freeze/thaw cycles.
Buffer	Supplied in 50mM Tris-Glycine(pH 7.4), 0.15M NaCl, 40%Glycerol, 0.01% New type preservative N and 0.05% BSA.
Purification	Affinity purification

Immunogen

Gene Name	PRDX5
Alternative Names	ACR1; AOEB166; B166; Peroxiredoxin V; Peroxiredoxin-5; PLP; PMP20; PRDX5; PRDX6; Prx-V; PRXV; SBBI10; Thioredoxin reductase;
Gene ID	25824.0
SwissProt ID	P30044.A synthetic peptide of human Peroxiredoxin 5

Application

Dilution Ratio	WB: 1:1000
Molecular Weight	22kDa

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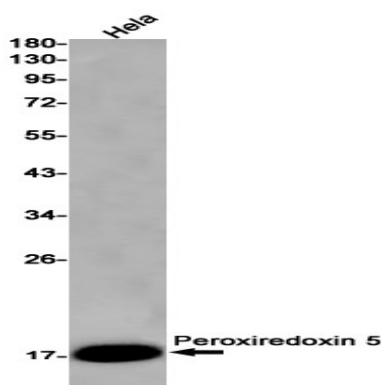


Background

Reduces hydrogen peroxide and alkyl hydroperoxides with reducing equivalents provided through the thioredoxin system. Involved in intracellular redox signaling. 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.

Research Area

Image Data



Western blot detection of Peroxiredoxin 5 in HeLa cell lysates using Peroxiredoxin 5 antibody(1:1000 diluted).

Note

For research use only.