
Product Name: Peroxiredoxin 5 Rabbit Monoclonal antibody**Catalog #: AMRe02426**

For research use only.

Summary

Description	Recombinant rabbit monoclonal antibody
Host	Rabbit
Application	WB,IHC,IP
Reactivity	Human,Mouse,Rat
Conjugation	Unconjugated
Modification	Unmodified
Isotype	IgG
Clonality	Monoclonal Antibody
Form	Liquid
Concentration	0.37mg/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 Purified

Application

Dilution Ratio	WB 1:500-1:1000,IHC 1:50-1:100,IP 1:20-1:50
Molecular Weight	Calculated MW: 22 kDa; Observed MW: 17 kDa

Antigen Information

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
SwissProt ID	P30044
Immunogen	A synthetic peptide of human Peroxiredoxin 5

Background

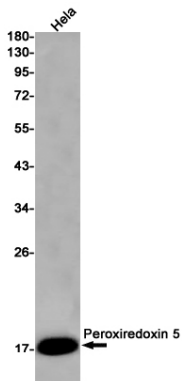
Reduces hydrogen peroxide and alkyl hydroperoxides with reducing equivalents provided through the thioredoxin system.

Involved in intracellular redox signaling.

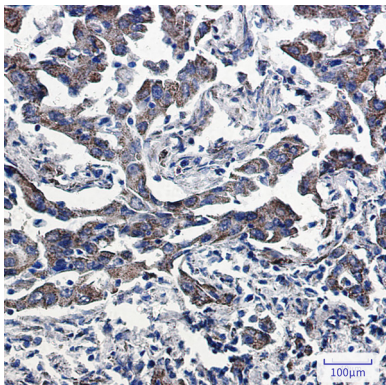
Research Area

Cell Biology

Image Data



Western blot analysis of Peroxiredoxin 5 in HeLa lysates using Peroxiredoxin 5 antibody.



Immunohistochemistry analysis of paraffin-embedded Human lung cancer using Peroxiredoxin 5 antibody. High-pressure and temperature Sodium Citrate pH 6.0 was used for antigen retrieval.