

Peroxiredoxin 5 Antibody

Rabbit mAb

Catalog # AP92279

Product Information

Application	WB, IHC, FC, IP
Primary Accession	P30044
Reactivity	Rat, Human, Mouse
Clonality	Monoclonal
Other Names	ACR1; AOEB166; B166; Peroxiredoxin V; Peroxiredoxin-5; PLP; PMP20; PRDX5; PRDX6; Prx-V; PRXV; SBBI10; Thioredoxin reductase;
Isotype	Rabbit IgG
Host	Rabbit
Calculated MW	22086

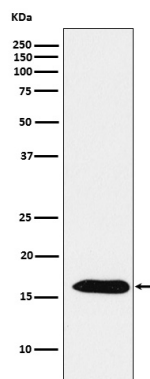
Additional Information

Dilution	WB 1:500~1:2000 IHC 1:50~1:200 IP 1:50 FC 1:80
Purification	Affinity-chromatography
Immunogen	A synthesized peptide derived from human Peroxiredoxin 5
Description	Reduces hydrogen peroxide and alkyl hydroperoxides with reducing equivalents provided through the thioredoxin system. Involved in intracellular redox signaling.
Storage Condition and Buffer	Rabbit IgG in phosphate buffered saline , pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol. Store at +4°C short term. Store at -20°C long term. Avoid freeze / thaw cycle.

Protein Information

Name	PRDX5 (HGNC:9355)
Synonyms	ACR1
Function	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.
Cellular Location	[Isoform Mitochondrial]: Mitochondrion
Tissue Location	Widely expressed..

Images



Western blot analysis of Peroxiredoxin 5 expression in HepG2 cell lysate.

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