

Peroxiredoxin 5 Antibody
Rabbit mAb
Catalog # AP92279**Specification****Peroxiredoxin 5 Antibody - Product Information**

Application	WB, IHC, FC, IP
Primary Accession	P30044
Reactivity	Rat
Clonality	Monoclonal

Other Names

ACR1; AOEB166; B166; Peroxiredoxin V; Peroxiredoxin-5; PLP; PMP20; PRDX5; PRDX6; Prx-V; PRXV; SBB110; Thioredoxin reductase;

Isotype	Rabbit IgG
Host	Rabbit
Calculated MW	22086 Da

Peroxiredoxin 5 Antibody - Additional Information

Dilution	WB~~1:1000 IHC~~1:100~500 FC~~1:10~50 IP~~N/A
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.

Peroxiredoxin 5 Antibody - 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

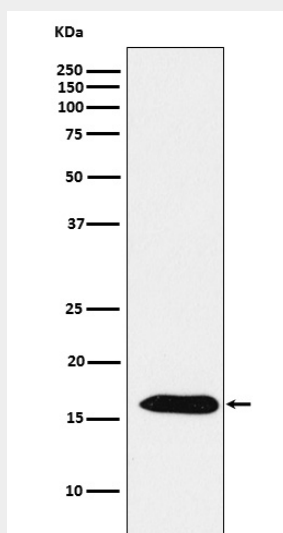
Tissue Location

Widely expressed..

Peroxisredoxin 5 Antibody - Protocols

Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

Peroxisredoxin 5 Antibody - Images

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