

PRDX5

Reactivity: Human Mouse Rat

Tested applications: WB IHC IF

Recommended Dilution: WB 1:500 - 1:2000 IHC 1:50 - 1:200 IF 1:50 - 1:200

Calculated MW: 22kDa

Observed MW: Refer to Figures

Immunogen:

Recombinant protein of human PRDX5

Storage Buffer:

Store at -20. Avoid freeze / thaw cycles. Buffer: PBS with 0.02% sodium azide, 50% glycerol, pH7.3.

Synonym:

PLP; ACR1; B166; PRXV; PMP20; PRDX6; prx-V; SBB110; AOEB166; HEL-S-55;

Catalog #: A6329

Antibody Type:

Polyclonal Antibody

Species: Rabbit

Gene ID: 25824

Isotype: IgG

Swiss Prot: P30044

Purity: Affinity purification

For research use only.

Background:

This gene encodes a member of the peroxiredoxin family of antioxidant enzymes, which reduce hydrogen peroxide and alkyl hydroperoxides. The encoded protein may play an antioxidant protective role in different tissues under normal conditions and during inflammatory processes.

This protein interacts with peroxisome receptor 1. The crystal structure of this protein in its reduced form has been resolved to 1.5 angstrom resolution. This gene uses alternate in-frame translation initiation sites to generate mitochondrial or peroxisomal/cytoplasmic forms. Three transcript variants encoding distinct isoforms have been identified for this gene.

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