

Rabbit PRDX5 Polyclonal Antibody | anti-PRDX5 antibody

PRDX5 Polyclonal Antibody

CATALOG # AAA169074	HOST Rabbit	REACTIVITY Human, Mouse, Rat	APPLICATIONS Immunohistochemistry, ELISA
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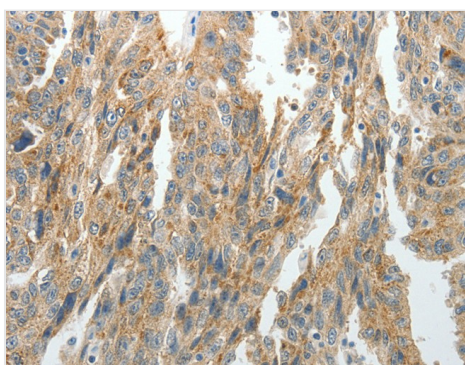
PRODUCT SYNONYMS

PRDX5; Polyclonal Antibody; PRDX5 Polyclonal Antibody; PLP; ACR1; B166; PRXV; PMP20; PRDX6; SBBI10; AOEB166; anti-PRDX5 antibody

PRODUCT SPECIFICATIONS

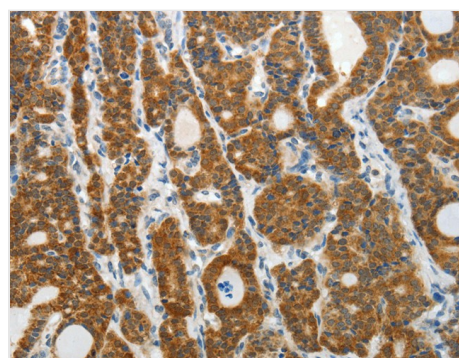
Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	Antigen affinity purification
Concentration	1.2mg/mL (varies by lot)
Sequence Length	125
Applicable Applications for anti-PRDX5 antibody	IHC (Immunohistochemistry), ELISA
Immunogen	Recombinant protein of human PRDX5
Buffer	PBS with 0.05% sodium azide, 50% glycerol, pH7.3
Preparation and Storage	Store at -20 degree C (regular) and -80 degree C (long term). Avoid freeze / thaw cycles.

IMAGES



IHC (Immunohistochemistry)

Immunohistochemistry of paraffin-embedded Human ovarian cancer tissue using PRDX5 Polyclonal Antibody at dilution 1:40



IHC (Immunohistochemistry)

Immunohistochemistry of paraffin-embedded Human thyroid cancer tissue using PRDX5 Polyclonal Antibody at dilution 1:40

ADDITIONAL INFORMATION

Related Product Information for anti-PRDX5 antibody	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.
Product Categories/Family for anti-PRDX5 antibody	Cell Biology

NCBI AND UNIPROT INFORMATION

NCBI GI #	32455262
NCBI GeneID	25824
NCBI Accession #	NP_857635.1
NCBI GenBank Nucleotide #	NM_181652.2
Molecular Weight	12,897 Da
NCBI Official Full Name	peroxiredoxin-5, mitochondrial isoform c
NCBI Official Synonym Full Names	peroxiredoxin 5
NCBI Official Symbol	PRDX5
NCBI Official Synonym Symbols	PLP; ACR1; B166; PRXV; PMP20; PRDX6; prx-V; SBBI10; AOEB166; HEL-S-55
NCBI Protein Information	peroxiredoxin-5, mitochondrial; Alu co-repressor 1; TPx type VI; antioxidant enzyme B166; epididymis secretory protein Li 55; liver tissue 2D-page spot 71B; peroxiredoxin V; peroxisomal antioxidant enzyme; thioredoxin peroxidase PMP20; thioredoxin reductase
UniProt Protein Name	Peroxiredoxin-5, mitochondrial
UniProt Gene Name	PRDX5
UniProt Synonym Gene Names	ACR1; AOEB166; Prx-V
UniProt Entry Name	PRDX5_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://www.aaabiotech.com/polyclonal/prdx5-antibody-immunohistochemistry-elisa/169074>