

Rabbit PRDX1 Polyclonal Antibody | anti-PRDX1 antibody

PRDX1 Polyclonal Antibody

CATALOG # AAA167539	HOST Rabbit	REACTIVITY Human, Mouse, Rat	APPLICATIONS Immunohistochemistry, Western Blot, ELISA
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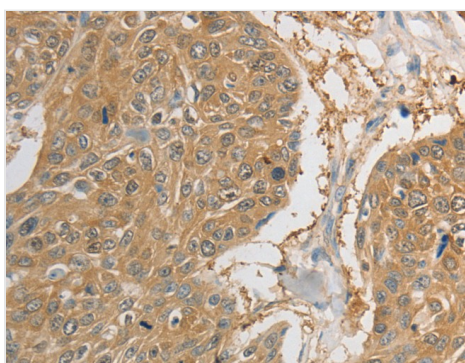
PRODUCT SYNONYMS

PRDX1; Polyclonal Antibody; PRDX1 Polyclonal Antibody; PAG; PAGA; PAGB; PRX1; PRXI; MSP23; NKEFA; TDPX2; NKEF-A; anti-PRDX1 antibody

PRODUCT SPECIFICATIONS

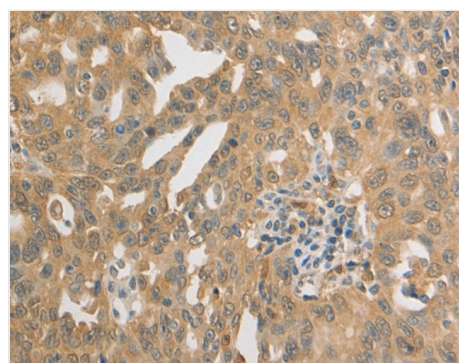
Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	Antigen affinity purification
Concentration	0.8mg/mL (varies by lot)
Sequence Length	199
Applicable Applications for anti-PRDX1 antibody	IHC (Immunohistochemistry), WB (Western Blot), ELISA
Immunogen	Synthetic peptide of human PRDX1
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



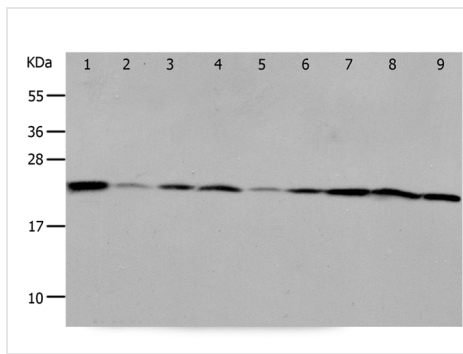
IHC (Immunohistochemistry)

Immunohistochemistry of paraffin-embedded Human esophagus cancer using PRDX1 Polyclonal Antibody at dilution of 1:20



IHC (Immunohistochemistry)

Immunohistochemistry of paraffin-embedded Human ovarian cancer using PRDX1 Polyclonal Antibody at dilution of 1:20



WB (Western Blot)

Western Blot analysis of Mouse liver and kidney tissue, NIH/3T3 and RAW264.7 cell, Human fetal brain tissue, 293T, K562, Jurkat and hela cell using PRDX1 Polyclonal Antibody at dilution of 1:400

ADDITIONAL INFORMATION

Related Product Information for anti-PRDX1 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 cells, and may contribute to the antiviral activity of CD8(+) T-cells. This protein may have a proliferative effect and play a role in cancer development or progression. Four transcript variants encoding the same protein have been identified for this gene.

NCBI AND UNIPROT INFORMATION

NCBI GI #	320461711
NCBI GeneID	5052
NCBI Accession #	NP_001189360.1
NCBI GenBank Nucleotide #	NM_001202431.1
Molecular Weight	22,110 Da
NCBI Official Full Name	peroxiredoxin-1
NCBI Official Synonym Full Names	peroxiredoxin 1
NCBI Official Symbol	PRDX1
NCBI Official Synonym Symbols	PAG; PAGA; PAGB; PRX1; PRXI; MSP23; NKEFA; TDPX2; NKEF-A
NCBI Protein Information	peroxiredoxin-1; natural killer cell-enhancing factor A; natural killer-enhancing factor A; proliferation-associated gene A; proliferation-associated gene protein; thioredoxin peroxidase 2; thioredoxin-dependent peroxide reductase 2
UniProt Protein Name	Peroxiredoxin-1
UniProt Gene Name	PRDX1
UniProt Synonym Gene Names	PAGA; PAGB; TDPX2; NKEF-A; PAG
UniProt Entry Name	PRDX1_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/prdx1-antibody-immunohistochemistry-western-blot-elisa/167539>