

Rabbit PRDX1 Polyclonal Antibody | anti-PRDX1 antibody

PRDX1 Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA307035	Rabbit	Human, Mouse, Rat	Immunohistochemistry, Western Blot, ELISA

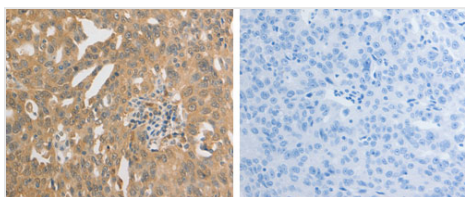
PRODUCT SYNONYMS

PRDX1; Polyclonal Antibody; PRDX1 Antibody; peroxiredoxin 1; PAG; PAGA; PAGB; PRX1; PRXI; MSP23; NKEFA; TDPX2; NKEF-A; anti-PRDX1 antibody

PRODUCT SPECIFICATIONS

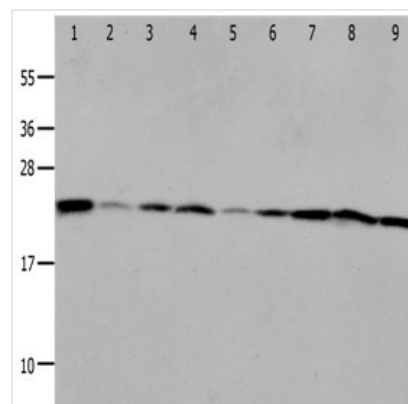
Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Specificity	The antibody detects endogenous level of total PRDX1 protein.
Form/Format	Supplied at 0.8mg/mL in phosphate buffered saline (without Mg2+ and Ca2+), pH 7.3, 0.05% sodium azide and 50% glycerol.
Sequence Length	199
Applicable Applications for anti-PRDX1 antibody	IHC (Immunohistochemistry), WB (Western Blot), ELISA
Immunogen Type	Peptide
Immunogen Description	Synthetic peptide peptide corresponding to a region derived from 103-115 amino acids of human peroxiredoxin 1
Target Name	PRDX1
Preparation and Storage	Store at -20 degree C/1 year

IMAGES



IHC (Immunohistochemistry)

The image on the left is immunohistochemistry of paraffin-embedded Human ovarian cancer tissue using 31263 (PRDX1 Antibody) at dilution 1/20, on the right is treated with the synthetic peptide.



Application Data

Gel: 12% SDS-PAGE Lane1-9: Mouse liver tissue, Mouse kidney tissue, Human fetal brain tissue, NIH/3T3 cell, RAW264.7 cell, 293T cell, K562 cell, Jurkat cell and Hela cell lysate
Lysates: 40ug per lane
Primary antibody: 1/400 dilution
Secondary antibody: Goat anti Rabbit IgG - H&L (HRP) at 1/5000 dilution
Exposure time: 50 seconds

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.
Product Categories/Family for anti-PRDX1 antibody	Total protein Ab

NCBI AND UNIPROT INFORMATION

NCBI GI #	320461711
NCBI GeneID	5052
NCBI Accession #	NP_001189360
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
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/307035>