Rabbit anti-Human, Mouse PRDX2 Polyclonal Antibody | anti-PRDX2 antibody

PRDX2 Polyclonal Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA37254	**Rabbit**	**Human, Mouse**	**Immunofluorescence, Immunohistochemistry, Western Blot**

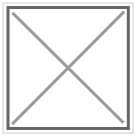
PRODUCT SYNONYMS

PRDX2; Polyclonal Antibody; PRDX2 Polyclonal Antibody; MGC4104; NKEFB; PRP; PRX2; PRXII; TDPX1; TSA; anti-PRDX2 antibody

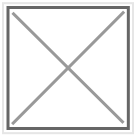
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Mouse
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	Affinity Purification
Concentration	1mg/ml (varies by lot)
Sequence Length	198
Applicable Applications for anti-PRDX2 antibody	IF (Immunofluorescence), IHC (Immunohistochemistry), WB (Western Blot)
Species	Human
Immunogen	Recombinant Protein
Immunogen	Recombinant protein of human PRDX2
Calculated Molecular Weight	22kDa
Preparation and Storage	Store at -20 degree C (regular) or -80 degree C (long term). Avoid freeze / thaw cycles. Buffer: PBS with 0.02% sodium azide, 50% glycerol, pH7.3.

IMAGES



IF (Immunofluorescence)
Immunofluorescence analysis of HeLa cells using PRDX2 antibody.



WB (Western Blot)
Western blot analysis of extracts of various cell lines, using PRDX2 antibody at 1:1000 dilution.Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) at 1:10000 dilution.Lysates/proteins: 25ug per lane.Blocking buffer: 3% nonfat dry milk in TBST.

ADDITIONAL INFORMATION

Related Product Information for anti-PRDX2 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. The crystal structure of this protein has been resolved to 2.7 angstroms. Transcript variants encoding distinct isoforms have been identified for this gene. [provided by RefSeq, Jul 2008]

Product Categories/Family for anti-PRDX2 antibody	Polyclonal

NCBI AND UNIPROT INFORMATION

NCBI GI #	2507169
NCBI GeneID	7001
UniProt Accession #	P32119; P31945; P32118; P35701; Q6FHG4; Q92763; Q9UC23; A8K0C0
Molecular Weight	198
NCBI Official Full Name	Peroxiredoxin-2
NCBI Official Synonym Full Names	peroxiredoxin 2
NCBI Official Symbol	PRDX2
NCBI Official Synonym Symbols	PRP; TSA; PRX2; PTX1; TPX1; NKEFB; PRXII; TDPX1; NKEF-B; HEL-S-2a
NCBI Protein Information	peroxiredoxin-2; torin; thioredoxin peroxidase 1; thiol-specific antioxidant 1; natural killer cell-enhancing factor B; thioredoxin-dependent peroxide reductase 1; epididymis secretory sperm binding protein Li 2a
UniProt Protein Name	Peroxiredoxin-2
UniProt Gene Name	**PRDX2**
UniProt Synonym Gene Names	NKEFB; TDPX1; NKEF-B; TSA
UniProt Entry Name	PRDX2_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://stage.aaabiotech.com/polyclonal/prdx2-antibody-immunofluorescence-immunohistochemistry-western-blot-elisa/37254