

Rabbit Peroxiredoxin 1 (PRDX1) Polyclonal Antibody | anti-PRDX1 antibody

Polyclonal Antibody to Peroxiredoxin 1 (PRDX1)

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA132643	Rabbit	Mouse, Human, Rat	Western Blot, ELISA, Immunohistochemistry, Immunocytochemistry

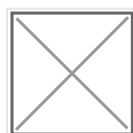
PRODUCT SYNONYMS

Peroxiredoxin 1 (PRDX1); Polyclonal Antibody; Polyclonal Antibody to Peroxiredoxin 1 (PRDX1); anti-PRDX1 antibody

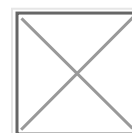
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Mouse, Human, Rat
Clonality	Polyclonal
Specificity	The antibody is a rabbit polyclonal antibody raised against PRDX1. It has been selected for its ability to recognize PRDX1 in immunohistochemical staining and western blotting.
Purity/Purification	Affinity Chromatography
Form/Format	Supplied as solution form in PBS, pH7.4, containing 0.02% Na ₃ N, 50% glycerol.
Concentration	500ug/mL (varies by lot)
Sequence	Antigen: The target protein is fused with a C-terminal tag. His-tag and its sequence are listed below. MRNK KFELGLEFPN LPYYIDGDVK LTQSMALIRY IADKHNMLGG CPKERAISM LEGAVLDIRY GVSRIAYSKD FETLKVDFLS KLPEMLKMF EDRCHKTYLN GDHVTHPDFM LYDALDVVLY MDPMLCLDAFP KLVCFKKRIE AIPQIDKYLK SSKYIAWPLQ GWQATFGGGD HPPKSDGSTS GSGHHHHHHS AGLVPRGSTA IGMKETAAAK FERQHMDSPD LGTLEVLFGQ PLGSEF-MSS GNAKIGYPAP NFKATAVMPD GQFKDISLSE YKGKYVVFVF YPLDFTFVCP TEIIAFSDRA DEFKKLNCQV IGASVDSHFC HLAWINTPKK QGGLGPMNIP LISDPKRTIA QDYGVLKADE GISFRGLFII DDKGILRQIT INDLPVGRSV DEIRLVQAF QFTDKHGEVC PAGWKPGSDT IKPDVNSKE YFSKQK
Sequence Length	274
Applicable Applications for anti-PRDX1 antibody	WB (Western Blot), ELISA, IHC (Immunohistochemistry), ICC (Immunocytochemistry)
Immunogen	Recombinant PRDX1 (Met1-Lys199) expressed in E.coli.
Cross Reactivity	Mouse
Conjugated Antibody	The APC conjugated antibody version of this item is also available as
Preparation and Storage	Store at 4 degree C for frequent use. Stored at -20 degree C to -80 degree C in a manual defrost freezer for one year without detectable loss of activity. Avoid repeated freeze-thaw cycles.

IMAGES



IHC (Immunohistochemistry)
DAB staining on IHC-P. Samples: Mouse Tissue



WB (Western Blot)
Western Blot: Sample: Recombinant protein.



WB (Western Blot)

Western Blot: Sample: Mouse Liver lysate; Primary Ab: 2ug/ml Rabbit Anti-Mouse PRDX1
Antibody Second Ab: 0.2ug/mL HRP-Linked Caprine Anti-Rabbit IgG Polyclonal Antibody

NCBI AND UNIPROT INFORMATION

NCBI GI #	6754976
NCBI GeneID	18477
NCBI Accession #	NP_035164.1
NCBI GenBank Nucleotide #	NM_011034.4
UniProt Accession #	P35700; Q3UBV4; Q9CWI2
Molecular Weight	22,176 Da
NCBI Official Full Name	peroxiredoxin-1
NCBI Official Synonym Full Names	peroxiredoxin 1
NCBI Official Symbol	Prdx1
NCBI Official Synonym Symbols	PAG; OSF3; Paga; Prxl; TDX2; TPxA; prx1; MSP23; NkefA; OSF-3; Prdxl; Tdpx2
NCBI Protein Information	peroxiredoxin-1
UniProt Protein Name	Peroxiredoxin-1
UniProt Gene Name	Prdx1
UniProt Synonym Gene Names	Msp23; Paga; Tdpx2; OSF-3

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/peroxiredoxin-1-prdx1-antibody-western-blot-immunohistochemistry-immunocytochemistry-elisa/132643>