

Rabbit anti-Mouse, Rat Peroxiredoxin 3 (PRDX3) Polyclonal Antibody | anti-PRDX3 antibody

Polyclonal Antibody to Peroxiredoxin 3 (PRDX3)

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA132731	Rabbit	Mouse, Rat	Western Blot, ELISA, Immunohistochemistry, Immunocytochemistry

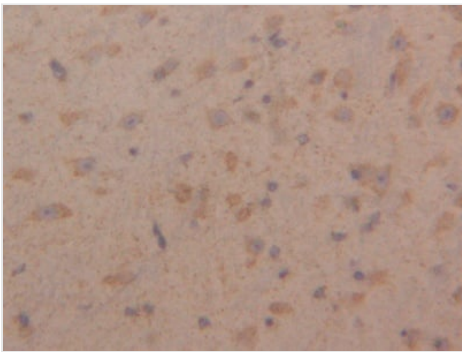
PRODUCT SYNONYMS

Peroxiredoxin 3 (PRDX3); Polyclonal Antibody; Polyclonal Antibody to Peroxiredoxin 3 (PRDX3); anti-PRDX3 antibody

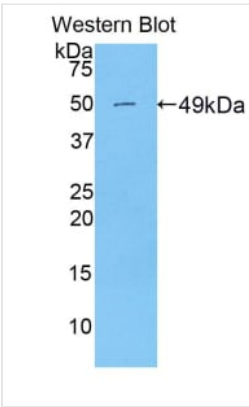
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Mouse, Rat
Clonality	Polyclonal
Specificity	The antibody is a rabbit polyclonal antibody raised against PRDX3. It has been selected for its ability to recognize PRDX3 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 LTQSMIIRY IADKHNMLGG CPKERAISM LEGAVLDIRY GVSRIAYSKD FETLKVDFLS KLP EMLKMF E DRLCHKTYLN GDHVTHPDFM LYDALDVVLY MDPMCLDAFP KLVCFKKRIE AIPQIDKYLK SSKYIAWPLQ GWQATFGGGD HPPKSDGSTS GSGHHHHHHS AGLVPRGSTA IGMKETAAAK FERQHMDSPD LGTLEVLFGG PLGSEF-PAV TQHAPYFKGT AVVNGEFKEL SLDDFKGKYL VLFFYPLDFT FVCPTEIVAF SDKANEFHDV NCEVVAVSVD SHFSLAWIN TPRKNGGLGH MNITLLSDIT KQISR DYGV L LESAGIALRG LFIIDPNGVV KHLVNDLPV GRSVEETLRL VKAFQFVETH GEVCPANWTP ESPTIKPSPT ASKEYFEKVH Q
Sequence Length	234
Applicable Applications for anti-PRDX3 antibody	WB (Western Blot), ELISA, IHC (Immunohistochemistry), ICC (Immunocytochemistry)
Immunogen	Recombinant PRDX3 (Pro64~Gln257) 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.

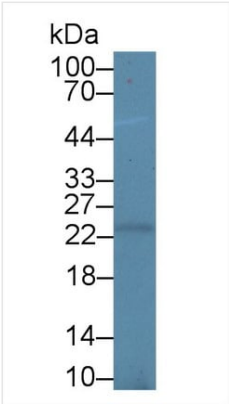
IMAGES



IHC (Immunohistochemisry)
DAB staining on IHC-P; Samples: Mouse Cerebrum Tissue



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



WB (Western Blot)
Western Blot: Sample: Rat Brain lysate; Primary Ab: 2ug/mL Rabbit Anti-Mouse PRDX3
Antibody Second Ab: 0.2ug/mL HRP-Linked Caprine Anti-Rabbit IgG Polyclonal Antibody

NCBI AND UNIPROT INFORMATION

NCBI GI #	6680690
NCBI GeneID	11757
NCBI Accession #	NP_031478.1
NCBI GenBank Nucleotide #	NM_007452.2
UniProt Accession #	P20108
Molecular Weight	28,127 Da
NCBI Official Full Name	thioredoxin-dependent peroxide reductase, mitochondrial
NCBI Official Synonym Full Names	peroxiredoxin 3
NCBI Official Symbol	Prdx3
NCBI Official Synonym Symbols	Aop1; Ef2l; Mer5; Prx3; SP22; TDXM; D0Tohi1; AW822249
NCBI Protein Information	thioredoxin-dependent peroxide reductase, mitochondrial
UniProt Protein Name	Thioredoxin-dependent peroxide reductase, mitochondrial
UniProt Gene Name	Prdx3
UniProt Synonym Gene Names	Aop1; Mer5; AOP-1

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-3-prdx3-antibody-western-blot-immunohistochemistry-immunocytochemistry-elisa/132731>