

Rabbit PRDX5 Polyclonal Antibody | anti-PRDX5 antibody

PRDX5 antibody

CATALOG # AAA306909	HOST Rabbit	REACTIVITY Human, Mouse, Rat	APPLICATIONS Immunofluorescence, Western Blot
-------------------------------	-----------------------	--	---

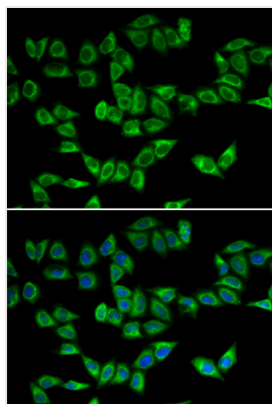
PRODUCT SYNONYMS

PRDX5; Polyclonal Antibody; PRDX5 antibody; PLP; ACR1; B166; PRXV; PMP20; PRDX6; prx-V; SBB110; AOEB166; HEL-S-55; anti-PRDX5 antibody

PRODUCT SPECIFICATIONS

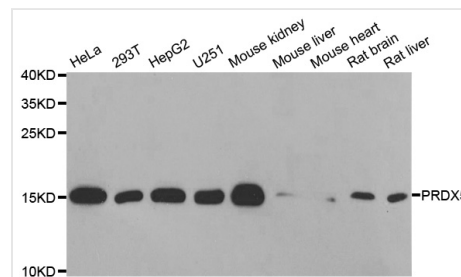
Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Specificity	The antibody detects endogenous level of total PRDX5 antibody.
Purity/Purification	Antibodies were purified by affinity purification using immunogen.
Form/Format	Supplied at 1.0mg/mL in phosphate buffered saline (without Mg ²⁺ and Ca ²⁺), pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Concentration	1.0 mg/ml (varies by lot)
Sequence Length	214
Applicable Applications for anti-PRDX5 antibody	IF (Immunofluorescence), WB (Western Blot)
Immunogen Type	Recombinant Protein
Immunogen Description	Recombinant protein of human PRDX5.
Target Name	PRDX5
Preparation and Storage	Store at -20 degree C

IMAGES



IF (Immunofluorescence)

Immunofluorescence analysis of U2OS cell using PRDX5 antibody. Blue: DAPI for nuclear staining.



WB (Western Blot)

Western blot analysis of extracts of various cell lines, using PRDX5 antibody.

ADDITIONAL INFORMATION

Related Product Information for anti-PRDX5 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 different tissues under normal conditions and during inflammatory processes. This protein interacts with peroxisome receptor 1. The crystal structure of this protein in its reduced form has been resolved to 1.5 angstrom resolution. This gene uses alternate in-frame translation initiation sites to generate mitochondrial or peroxisomal/cytoplasmic forms. Three transcript variants encoding distinct isoforms have been identified for this gene.
Product Categories/Family for anti-PRDX5 antibody	Total protein Ab

NCBI AND UNIPROT INFORMATION

NCBI GI #	6912238
NCBI GeneID	25824
NCBI Accession #	NP_036226.1
NCBI GenBank Nucleotide #	NM_012094.4
UniProt Accession #	P30044; Q14CK0; Q6IAF2; Q9UBU5; Q9UJU4; Q9UKX4; A6NC19; A6NG06; B7ZLJ4; B7ZVW3
Molecular Weight	12,897 Da
NCBI Official Full Name	peroxiredoxin-5, mitochondrial isoform a
NCBI Official Synonym Full Names	peroxiredoxin 5
NCBI Official Symbol	PRDX5
NCBI Official Synonym Symbols	PLP; ACR1; B166; PRXV; PMP20; PRDX6; prx-V; SBBI10; AOEB166; HEL-S-55
NCBI Protein Information	peroxiredoxin-5, mitochondrial
UniProt Protein Name	Peroxiredoxin-5, mitochondrial
UniProt Gene Name	PRDX5
UniProt Synonym Gene Names	ACR1; AOEB166; Prx-V
UniProt Entry Name	PRDX5_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.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com
Online datasheet: <https://stage.aaabiotech.com/polyclonal/prdx5-antibody-immunofluorescence-western-blot-elisa/306909>