

Rabbit PRDX5 Polyclonal Antibody | anti-PRDX5 antibody

PRDX5 antibody - middle region

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA200433	Rabbit	Dog, Goat, Guinea Pig, Horse, Human, Mouse, Pig, Rat, Sheep	Western Blot

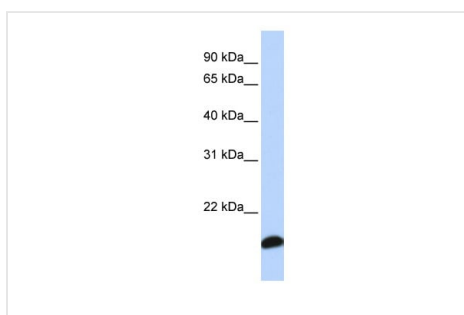
PRODUCT SYNONYMS

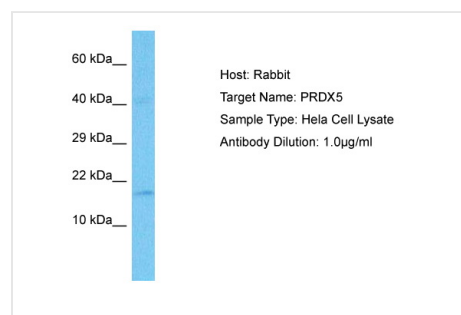
PRDX5; Polyclonal Antibody; PRDX5 antibody - middle region; anti-PRDX5 antibody

PRODUCT SPECIFICATIONS

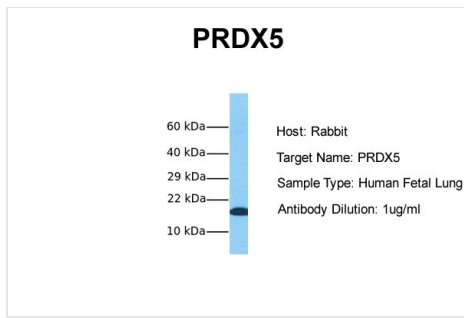
Host	Rabbit
Reactivity	Dog, Goat, Guinea Pig, Horse, Human, Mouse, Pig, Rat, Sheep
Clonality	Polyclonal
Purity/Purification	Affinity Purified
Form/Format	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09% (w/v) sodium azide and 2% sucrose.
Sequence	Synthetic peptide with the following region: TD LLLDDSLVSI FGNRRLKRFES MVVQDGIVKA LNVEPDGTGL TCSLAPNI
Sequence Length	125
Applicable Applications for anti-PRDX5 antibody	WB (Western Blot)
Homology	Dog: 86%; Goat: 79%; Guinea Pig: 79%; Horse: 93%; Human: 100%; Mouse: 93%; Pig: 93%; Rat: 93%; Sheep: 79%
Immunogen	The immunogen is a synthetic peptide directed towards the middle region of human PRDX5
Preparation and Storage	For short term use, store at 2-8 degree C up to 1 week. For long term storage, store at -20 degree C in small aliquots to prevent freeze-thaw cycles.

IMAGES


WB (Western Blot)

WB Suggested Anti-PRDX5 Antibody Titration: 0.2-1 ug/ml
ELISA Titer: 1:12500
Positive Control: Human Lung

WB (Western Blot)

Host: Rabbit
Target Name: PRDX5
Sample Type: HeLa Cell Lysate
Antibody Dilution: 1.0 ug/ml



WB (Western Blot)

Host: RabbitTarget Name: PRDX5Sample Tissue: Human Fetal LungAntibody Dilution: 1.0ug/ml

ADDITIONAL INFORMATION

Related Product Information for anti-PRDX5 antibody	This is a rabbit polyclonal antibody against PRDX5. It was validated on Western Blot using a cell lysate as a positive control.
	Target Description: PRDX5 is 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.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	Polyclonal; Lymphocyte Signaling

NCBI AND UNIPROT INFORMATION

NCBI GI #	32455262
NCBI GeneID	25824
NCBI Accession #	NP_857635
NCBI GenBank Nucleotide #	NM_181652
UniProt Accession #	B7ZVW3; P30044
Molecular Weight	14kDa
NCBI Official Full Name	peroxiredoxin-5, mitochondrial isoform c
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

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/prdx5-antibody-western-blot-elisa/200433>