

Rabbit PRDX4 Polyclonal Antibody | anti-PRDX4 antibody

PRDX4 Antibody - N-terminal region

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA201278	Rabbit	Cow, Dog, Guinea Pig, Horse, Human, Rabbit, Rat	Western Blot

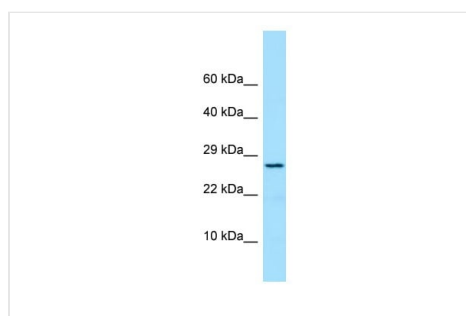
PRODUCT SYNONYMS

PRDX4; Polyclonal Antibody; PRDX4 Antibody - N-terminal region; anti-PRDX4 antibody

PRODUCT SPECIFICATIONS

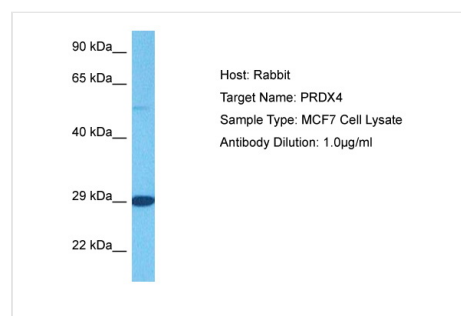
Host	Rabbit
Reactivity	Cow, Dog, Guinea Pig, Horse, Human, Rabbit, Rat
Clonality	Polyclonal
Purity/Purification	Affinity Purified
Form/Format	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09% (w/v) sodium azide and 2% sucrose.
Sequence	Synthetic peptide with the following region: LL LFLLPAGAVQ GWETEERPT REEECHFYG QVYPGEASR VSVADHSL
Sequence Length	271
Applicable Applications for anti-PRDX4 antibody	WB (Western Blot)
Homology	Cow: 93%; Dog: 86%; Guinea Pig: 100%; Horse: 86%; Human: 100%; Rabbit: 93%; Rat: 100%
Immunogen	The immunogen is a synthetic peptide directed towards the N-terminal region of Human PRDX4
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)

Host: Rabbit Target Name: PRDX4 Sample Type: COLO205 Whole Cell lysates Antibody Dilution: 1.0ug/ml PRDX4 is supported by BioGPS gene expression data to be expressed in COLO205



WB (Western Blot)

Host: Rabbit Target Name: PRDX4 Sample Tissue: Human MCF7 Whole Cell Antibody Dilution: 1ug/ml

ADDITIONAL INFORMATION

Related Product Information for anti-PRDX4 antibody	This is a rabbit polyclonal antibody against PRDX4. It was validated on Western Blot Target Description: The protein encoded by this gene is an antioxidant enzyme and belongs to the peroxiredoxin family. The protein is localized to the cytoplasm. Peroxidases of the peroxiredoxin family reduce hydrogen peroxide and alkyl hydroperoxides to water and alcohol with the use of reducing equivalents derived from thiol-containing donor molecules. This protein has been found to play a regulatory role in the activation of the transcription factor NF-kappaB.
Product Categories/Family for anti-PRDX4 antibody	Polyclonal; Transcription Regulation

NCBI AND UNIPROT INFORMATION

NCBI GI #	5453549
NCBI GeneID	10549
NCBI Accession #	NP_006397
NCBI GenBank Nucleotide #	NM_006406
UniProt Accession #	Q13162
Molecular Weight	29kDa
NCBI Official Full Name	peroxiredoxin-4
NCBI Official Synonym Full Names	peroxiredoxin 4
NCBI Official Symbol	PRDX4
NCBI Official Synonym Symbols	PRX-4; AOE372; AOE37-2; HEL-S-97n
NCBI Protein Information	peroxiredoxin-4
UniProt Protein Name	Peroxiredoxin-4
UniProt Gene Name	PRDX4
UniProt Synonym Gene Names	AOE37-2; Prx-IV
UniProt Entry Name	PRDX4_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/prdx4-antibody-western-blot-elisa/201278>