

Rabbit anti-Human, Mouse PRDX6 Polyclonal Antibody | anti-PRDX6 antibody

PRDX6 Polyclonal Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA36835	Rabbit	Human, Mouse	Immunofluorescence, Immunohistochemistry, Western Blot

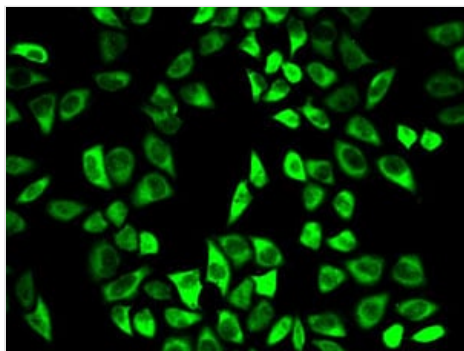
PRODUCT SYNONYMS

PRDX6; Polyclonal Antibody; PRDX6 Polyclonal Antibody; 1-Cys; AOP2; HEL-S-128m; NSGPx; PRX; ai PLA2; p29; peroxiredoxin-6; anti-PRDX6 antibody

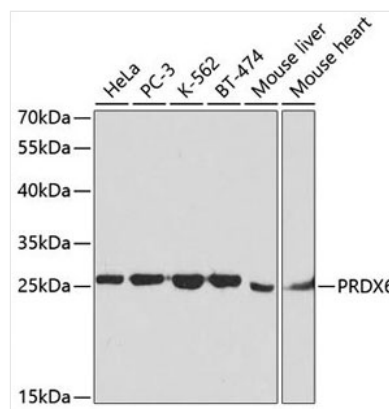
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Mouse
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	Affinity Purification
Form/Format	PBS with 0.09% Sodium azide, 50% glycerol, pH 7.3.
Sequence Length	224
Applicable Applications for anti-PRDX6 antibody	IF (Immunofluorescence), IHC (Immunohistochemistry), WB (Western Blot)
Immunogen	Recombinant fusion protein containing a sequence corresponding to amino acids 1-224 of human PRDX6 (NP_004896.1).
Preparation and Storage	Store at -20°C. Avoid freeze / thaw cycles.

IMAGES


IF (Immunofluorescence)

Immunofluorescence analysis of HeLa cells using PRDX6 antibody (AAA36835)


WB (Western Blot)

Western blot analysis of extracts of various cell lines, using PRDX6 antibody (AAA36835) at 1:1000 dilution. Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) at 1:10000 dilution. Lysates/proteins: 25ug per lane. Blocking buffer: 3% nonfat dry milk in TBST.

ADDITIONAL INFORMATION

Related Product Information for anti-PRDX6 antibody	The protein encoded by this gene is a member of the thiol-specific antioxidant protein family. This protein is a bifunctional enzyme with two distinct active sites. It is involved in redox regulation of the cell; it can reduce H(2)O(2) and short chain organic, fatty acid, and phospholipid hydroperoxides. It may play a role in the regulation of phospholipid turnover as well as in protection against oxidative injury.
Product Categories/Family for anti-PRDX6 antibody	Polyclonal

NCBI AND UNIPROT INFORMATION

NCBI GI #	1718024
NCBI GeneID	9588
UniProt Accession #	P30041; P32077; Q5TAH4; Q5ZEZ8; A8JZY7
Molecular Weight	Observed: 27kDa Calculated: 25kDa
NCBI Official Full Name	Peroxiredoxin-6
NCBI Official Synonym Full Names	peroxiredoxin 6
NCBI Official Symbol	PRDX6
NCBI Official Synonym Symbols	PRX; p29; AOP2; 1-Cys; NSGPx; aiPLA2; HEL-S-128m
NCBI Protein Information	peroxiredoxin-6; 1-Cys PRX; 24 kDa protein; 1-Cys peroxiredoxin; antioxidant protein 2; liver 2D page spot 40; red blood cells page spot 12; non-selenium glutathione peroxidase; acidic calcium-independent phospholipase A2; epididymis secretory sperm binding protein Li 128m
UniProt Protein Name	Peroxiredoxin-6
UniProt Gene Name	PRDX6
UniProt Synonym Gene Names	AOP2; KIAA0106; 1-Cys PRX; aiPLA2; NSGPx
UniProt Entry Name	PRDX6_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/prdx6-antibody-immunofluorescence-immunohistochemistry-western-blot-elisa/36835>