Rabbit PRDX6 Polyclonal Antibody | anti-PRDX6 antibody

PRDX6 Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA168489	**Rabbit**	**Human, Mouse, Rat**	**Immunofluorescence, Immunohistochemistry, Western Blot**

PRODUCT SYNONYMS

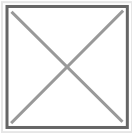
PRDX6; Polyclonal Antibody; PRDX6 Antibody; 1-Cys; AOP2; KIAA0106; MGC46173; NSGPx; PRX; aiPLA2; p29; anti-PRDX6 antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	Antigen affinity purification
Concentration	1mg/mL (varies by lot)
Sequence Length	224
Applicable Applications for anti-PRDX6 antibody	IF (Immunofluorescence), IHC (Immunohistochemistry), WB (Western Blot)
Immunogen	Recombinant protein of human PRDX6
Buffer	PBS with 0.02% sodium azide, 50% glycerol, pH7.3
Santa Cruz Alternative	Potential replacement for Santa Cruz Biotechnology antibody catalog# sc-55015 / sc-55013 / sc-55017 / sc-134478
Preparation and Storage	Store at -20 degree C (regular) and -80 degree C (long term). Avoid freeze / thaw cycles.

IMAGES

IF (Immunofluorescence)
Immunofluorescence analysis of HeLa cell using PRDX6 antibody.



IHC (Immunohistochemisry)
Immunohistochemical of paraffin-embedded human stomach cancer using PRDX6 antibody at dilution of 1:200 (400x lens).

IHC (Immunohiostchemistry)
Immunohistochemical of paraffin-embedded human lung cancer using PRDX6 antibody at dilution of 1:200 (400x lens).

WB (Western Blot)
Western blot analysis of extracts of various cell lines, using PRDX6 antibody.

ADDITIONAL INFORMATION

Related Product Information for anti-PRDX6 antibody	Prdx6(Peroxiredoxin-6), a unique member of the peroxiredoxin family of antioxidants, is highly expressed in liver and protects cells from oxidative damage by reducing H2O2 and various lipid Peroxides(PMID: 17382207). It is also named as AOP2, KIAA0106. It can form a dimer(PMID:20500660). PRDX6 is expressed in all major organs, with a particularly high level in lung(PMID:15890616). This antibody is specific to PRDX6.

NCBI AND UNIPROT INFORMATION

NCBI GI #	4758638
NCBI GeneID	9588
NCBI Accession #	NP_004896.1
NCBI GenBank Nucleotide #	NM_004905.2
Molecular Weight	25,035 Da
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; 1-Cys peroxiredoxin; 24 kDa protein; acidic calcium-independent phospholipase A2; antioxidant protein 2; epididymis secretory sperm binding protein Li 128m; liver 2D page spot 40; non-selenium glutathione peroxidase; red blood cells page spot 12
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/168489