

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

Rabbit anti-PRDX6 Antibody, Affinity Purified

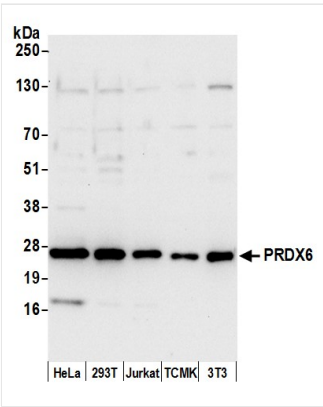
CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA213209	Rabbit	Human, Mouse	Immunoprecipitation, Western Blot

PRODUCT SYNONYMS

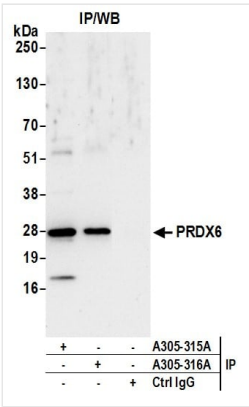
PRDX6; Polyclonal Antibody; Rabbit anti-PRDX6 Antibody; Affinity Purified; antioxidant protein 2; PRX; peroxiredoxin-6; p29; NSGPx; non-selenium glutathione peroxidase; liver 2D page spot 40; red blood cells page spot 12; HEL-S-128m; aiPLA2; acidic calcium-independent phospholipase A2; 24 kDa protein; 1-Cys PRX; 1-Cys peroxiredoxin; 1-Cys; epididymis secretory sperm binding protein Li 128m; AOP2; Peroxiredoxin-6; peroxiredoxin 6; anti-PRDX6 antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Mouse
Clonality	Polyclonal
Purity/Purification	Antigen Affinity Purified
Form/Format	Liquid. Whole IgG. Tris-citrate/phosphate buffer, pH 7 to 8 containing 0.09% Sodium Azide
Concentration	1000ug/ml (varies by lot)
Applicable Applications for anti-PRDX6 antibody	IP (Immunoprecipitation), WB (Western Blot)
Predicted Reactivity	Orangutan
Immunogen	Between 1 and 50
Conjugation	Unconjugated
Preparation and Storage	Store at 2-8 degree C Shelf Life: 1 year from date of receipt



WB (Western Blot)
Detection of human and mouse PRDX6 by western blot. Samples: Whole cell lysate (15 ug) from HeLa, HEK293T, Jurkat, mouse TCMK-1, and mouse NIH 3T3 cells prepared using NETN lysis buffer. Antibody: Affinity purified rabbit anti-PRDX6 antibody AAA213209 (lot AAA213209-1) used for WB at 0.1 ug/ml. Detection: Chemiluminescence with an exposure time of 10 seconds.



IP (Immunoprecipitation)
Detection of human PRDX6 by western blot of immunoprecipitates. Samples: Whole cell lysate (0.5 or 1.0 mg per IP reaction; 20% of IP loaded) from 293T cells prepared using NETN lysis buffer. Antibodies: Affinity purified rabbit anti-PRDX6 antibody AAA213209 (lot AAA213209-1) used for IP at 6 ug per reaction. PRDX6 was also immunoprecipitated by rabbit anti-PRDX6 antibody For blotting immunoprecipitated PRDX6, AAA213209 was used at 1 ug/ml. Detection: Chemiluminescence with an exposure time of 10 seconds.

ADDITIONAL INFORMATION

Related Product Information for anti-PRDX6 antibody	Peroxiredoxin-6 is a member of the thiol-specific antioxidant protein family. PRDX6 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 [taken from NCBI Entrez Gene (Gene ID: 9588)].
Product Categories/Family for anti-PRDX6 antibody	Primary Antibodies

NCBI AND UNIPROT INFORMATION

NCBI GI #	4758638
NCBI GeneID	9588
NCBI Accession #	NP_004896.1
NCBI GenBank Nucleotide #	NM_004905.2
UniProt Accession #	P30041; P32077; Q5TAH4; Q5ZEZ8; A8JZY7
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
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-immunoprecipitation-western-blot-elisa/213209>