

Rabbit anti-Human, Mouse PRDX5 Polyclonal Antibody | anti-PRDX5 antibody

Rabbit anti-PRDX5 Antibody, Affinity Purified

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA213219	Rabbit	Human, Mouse	Immunoprecipitation, Western Blot

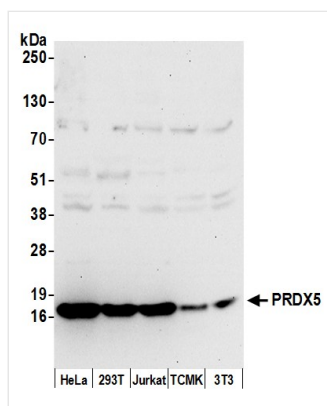
PRODUCT SYNONYMS

PRDX5; Polyclonal Antibody; Rabbit anti-PRDX5 Antibody; Affinity Purified; SBBI10; TPx type VI; thioredoxin peroxidase PMP20; prx-V; PRXV; PRDX6; PMP20; PLP; peroxisomal antioxidant enzyme; peroxiredoxin-5; mitochondrial; Alu corepressor 1; peroxiredoxin V; thioredoxin reductase; Alu co-repressor 1; ACR1; antioxidant enzyme B166; B166; epididymis secretory protein Li 55; HEL-S-55; liver tissue 2D-page spot 71B; AOEB166; Peroxiredoxin-5; peroxiredoxin 5; anti-PRDX5 antibody

PRODUCT SPECIFICATIONS

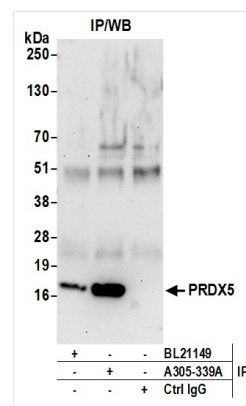
Host	Rabbit
Reactivity	Human, Mouse
Clonality	Polyclonal
Purity/Purification	Antigen Affinity Purified
Form/Format	Liquid. Whole IgG. Tris-citrate/phosphate buffer, pH 7 to 8 containing 0.09% Sodium Azide
Concentration	1000ug/ml (varies by lot)
Applicable Applications for anti-PRDX5 antibody	IP (Immunoprecipitation), WB (Western Blot)
Immunogen	Between 164 and C-terminus
Conjugation	Unconjugated
Preparation and Storage	Store at 2-8 degree C Shelf Life: 1 year from date of receipt

IMAGES



WB (Western Blot)

Detection of human and mouse PRDX5 by western blot. Samples: Whole cell lysate (50 ug) from HeLa, HEK293T, Jurkat, mouse TCMK-1, and mouse NIH 3T3 cells prepared using NETN lysis buffer. Antibody: Affinity purified rabbit anti-PRDX5 antibody AAA213219 (lot AAA213219-1) used for WB at 0.1 ug/ml. Detection: Chemiluminescence with an exposure time of 30 seconds.



IP (Immunoprecipitation)

Detection of human PRDX5 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-PRDX5 antibody AAA213219 (lot AAA213219-1) used for IP at 6 ug per reaction. PRDX5 was also immunoprecipitated by rabbit anti-PRDX5 antibody BL21149. For blotting immunoprecipitated PRDX5, AAA213219 was used at 1 ug/ml. Detection: Chemiluminescence with an exposure time of 75 seconds.

ADDITIONAL INFORMATION

Related Product Information for anti-PRDX5 antibody	Peroxiredoxin V reduces hydrogen peroxide and alkyl hydroperoxides with reducing equivalents provided through the thioredoxin system. It is involved in intracellular redox signaling [taken from the Universal Protein Resource (UniProt) www.uniprot.org/uniprot/P30044].
Product Categories/Family for anti-PRDX5 antibody	Primary Antibodies

NCBI AND UNIPROT INFORMATION

NCBI GeneID	25824
UniProt Accession #	P30044
UniProt Protein Name	Peroxiredoxin-5, mitochondrial
UniProt Gene Name	PRDX5
UniProt Synonym Gene Names	ACR1; AOEB166; Prx-V
UniProt Entry Name	PRDX5_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/prdx5-antibody-immunoprecipitation-western-blot-elisa/213219>