

Rabbit anti-Human, Mouse Peroxiredoxin-3 Polyclonal Antibody | anti-PRDX3 antibody

Rabbit anti-Peroxiredoxin-3 Antibody, Affinity Purified

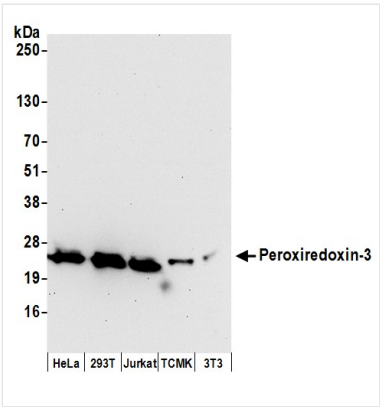
CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA212903	Rabbit	Human, Mouse	Immunohistochemistry, Immunoprecipitation, Western Blot

PRODUCT SYNONYMS

Peroxiredoxin-3; Polyclonal Antibody; Rabbit anti-Peroxiredoxin-3 Antibody; Affinity Purified; peroxiredoxin III; prx-III; SP-22; protein MER5 homolog; PRO1748; HBC189; epididymis secretory sperm binding protein; AOP-1; MER5; AOP1; antioxidant protein 1; thioredoxin-dependent peroxide reductase; mitochondrial; Thioredoxin-dependent peroxide reductase; peroxiredoxin 3; anti-PRDX3 antibody

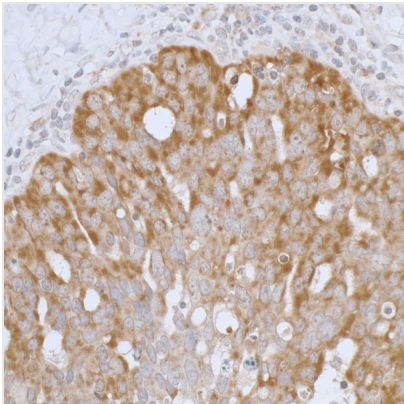
PRODUCT SPECIFICATIONS

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-PRDX3 antibody	IHC (Immunohistochemistry), IP (Immunoprecipitation), WB (Western Blot)
Predicted Reactivity	Orangutan
Immunogen	Between 206 and C-terminus
Conjugation	Unconjugated
Preparation and Storage	Store at 2-8 degree C Shelf Life: 1 year from date of receipt



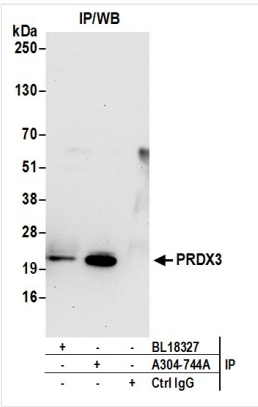
WB (Western Blot)

Detection of human and mouse Peroxiredoxin-3 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. Antibodies: Affinity purified rabbit anti-Peroxiredoxin-3 antibody AAA212903 (lot AAA212903-1) used for WB at 0.04 ug/ml. Detection: Chemiluminescence with an exposure time of 30 seconds.



IHC (Immunohistochemistry)

Detection of human Peroxiredoxin-3 by immunohistochemistry. Sample: FFPE section of human ovarian carcinoma. Antibody: Affinity purified rabbit anti-Peroxiredoxin-3 (Cat. No. AAA212903 Lot1) used at a dilution of 1:5,000 (0.2ug/ml). Detection: DAB



IP (Immunoprecipitation)

Detection of human Peroxiredoxin-3 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-Peroxiredoxin-3 antibody AAA212903 (lot AAA212903-1) used for IP at 6 ug per reaction. Peroxiredoxin-3 was also immunoprecipitated by rabbit anti-Peroxiredoxin-3 antibody BL18327. For blotting immunoprecipitated Peroxiredoxin-3, AAA212903 was used at 0.1 ug/ml. Detection: Chemiluminescence with an exposure time of 30 seconds.

ADDITIONAL INFORMATION

Related Product Information for anti-PRDX3 antibody	Peroxiredoxin-3 (PRDX3) is involved in redox regulation of the cell [taken from NCBI Entrez Gene (Gene ID: 10935)].
Product Categories/Family for anti-PRDX3 antibody	Primary Antibodies

NCBI AND UNIPROT INFORMATION

NCBI GI #	5802974
NCBI GeneID	10935
NCBI Accession #	NP_006784.1
NCBI GenBank Nucleotide #	NM_006793.3
UniProt Accession #	P30048; P35690; Q0D2H1; Q13776; Q5T5V2; Q96HK4; B2R7Z0; D3DRC9
Molecular Weight	256

NCBI Official Full Name	thioredoxin-dependent peroxide reductase, mitochondrial isoform a
NCBI Official Synonym Full Names	peroxiredoxin 3
NCBI Official Symbol	PRDX3
NCBI Official Synonym Symbols	AOP1; MER5; AOP-1; SP-22; HBC189; PRO1748; prx-III
NCBI Protein Information	thioredoxin-dependent peroxide reductase, mitochondrial; peroxiredoxin-3; peroxiredoxin III; protein MER5 homolog; antioxidant protein 1
UniProt Protein Name	Thioredoxin-dependent peroxide reductase, mitochondrial
UniProt Gene Name	PRDX3
UniProt Synonym Gene Names	AOP1; AOP-1; Prx-III
UniProt Entry Name	PRDX3_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/peroxiredoxin-3-antibody-immunohistochemistry-immunoprecipitation-western-blot-elisa/212903>