

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

PRDX5 Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA119111	Rabbit	Human, Mouse	Immunofluorescence, Immunohistochemistry, Western Blot, ELISA

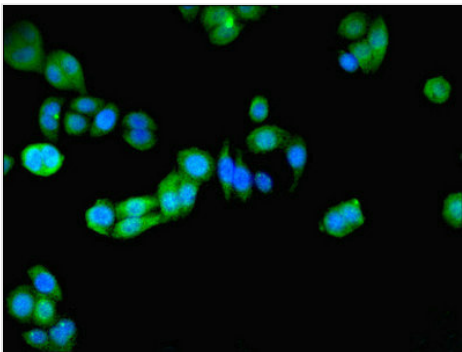
PRODUCT SYNONYMS

PRDX5; Polyclonal Antibody; PRDX5 Antibody; Peroxiredoxin-5; mitochondrial (EC 1.11.1.15) (Alu corepressor 1) (Antioxidant enzyme B166) (AOEB166) (Liver tissue 2D-page spot 71B) (PLP) (Peroxiredoxin V) (Prx-V) (Peroxisomal antioxidant enzyme) (TPx type VI) (Thioredoxin peroxidase PMP20); ACR1; anti-PRDX5 antibody

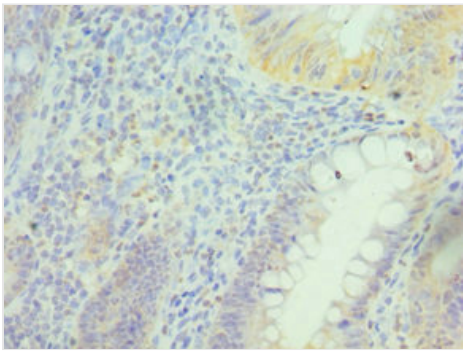
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Mouse
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	Antigen Affinity Purified
Form/Format	Liquid
Sequence Length	214
Applicable Applications for anti-PRDX5 antibody	IF (Immunofluorescence), IHC (Immunohistochemistry), WB (Western Blot), ELISA
Storage Buffer	PBS with 0.02% sodium azide, 50% glycerol, pH7.3.
Immunogen Species	Homo sapiens (Human)
Research Area	Cell Biology
Target Names	PRDX5
Immunogen	Recombinant human Peroxiredoxin-5, mitochondrial protein (53-214aa)
Santa Cruz Alternative	Potential replacement for Santa Cruz Biotechnology antibody catalog# sc-23978 / sc-23977 / sc-33573
Preparation and Storage	Upon receipt store at -20 degree C or -80 degree C. Avoid repeated freeze.

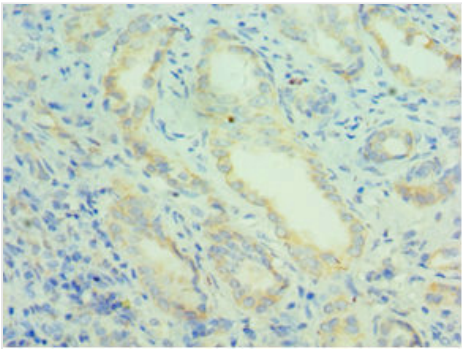
IMAGES



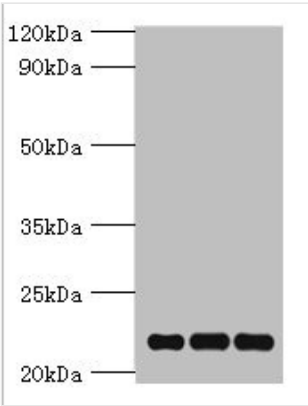
IF (Immunofluorescence)
Immunofluorescent analysis of PC3 cells using AAA119111 at a dilution of 1:100 and Alexa Fluor 488-conjugated AffiniPure Goat Anti-Rabbit IgG(H+L)



IHC (Immunohistochemisry)
Immunohistochemistry of paraffin-embedded human epityphlon using AAA119111 at dilution 1:100



IHC (Immunohiostchemistry)
Immunohistochemistry of paraffin-embedded human kidney using AAA119111 at dilution 1:100



WB (Western Blot)
Western blotAll lanes: PRDX5 antibody at 4ug/mL Lane 1:mouse brain tissueLane 2:Hela whole cell lysateLane 3:293T whole cell lysateSecondaryGoat polyclonal to rabbit at 1/10000 dilutionPredicted band size: 23,18,13 kDaObserved band size: 23 kDa

ADDITIONAL INFORMATION

Related Product Information for anti-PRDX5 antibody	Reduces hydrogen peroxide and alkyl hydroperoxides with reducing equivalents provided through the thioredoxin system. Involved in intracellular redox signaling.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	6912238
NCBI GeneID	25824
NCBI Accession #	NP_036226.1
NCBI GenBank Nucleotide #	NM_012094.4
UniProt Accession #	P30044; Q14CK0; Q6IAF2; Q9UBU5; Q9UJU4; Q9UKX4; A6NC19; A6NG06; B7ZLJ4; B7ZVW3
NCBI Official Full Name	peroxiredoxin-5, mitochondrial isoform a
NCBI Official Synonym Full Names	peroxiredoxin 5
NCBI Official Symbol	PRDX5
NCBI Official Synonym Symbols	PLP; ACR1; B166; PRXV; PMP20; PRDX6; prx-V; SBBI10; AOEB166; HEL-S-55
NCBI Protein Information	peroxiredoxin-5, mitochondrial
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-immunofluorescence-immunohistochemistry-western-blot-elisa/119111>