anti-Human Peroxiredoxin 3 Monoclonal Antibody | anti-PRDX3 antibody

Peroxiredoxin 3 Rabbit mAb

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA314561	**Recombinant Rabbit**	**Human**	**Immunohistochemistry, Western Blot**

PRODUCT SYNONYMS

Peroxiredoxin 3; Monoclonal Antibody; Peroxiredoxin 3 Rabbit mAb; AOP1; MER5; AOP-1; SP-22; HBC189; PRO1748; prx-III; anti-PRDX3 antibody

PRODUCT SPECIFICATIONS

Host	Recombinant Rabbit
Reactivity	Human
Clonality	Monoclonal
Isotype	IgG
Clone Number	S07-3I3
Purity/Purification	Affinity Purified
Form/Format	50mM Tris-Glycine(pH 7.4), 0.15M NaCl, 40% Glycerol, 0.01% Sodium azide and 0.05% BSA
Concentration	0.3mg/ml (varies by lot)
Applicable Applications for anti-PRDX3 antibody	IHC (Immunohistochemistry), WB (Western Blot)
Immunogen	A synthetic peptide of human Peroxiredoxin 3/PRDX3
Conjugation	Unconjugated
Modification	Unmodification
Preparation and Storage	Store at 4 degree C short term. Aliquot and store at -20 degree C long term. Avoid freeze/thaw cycles.

IMAGES



IHC (Immunohiostchemistry)
Immunohistochemistry of Peroxiredoxin 3/PRDX3 in paraffin-embedded Human Cholangiocarcinoma using Peroxiredoxin 3/PRDX3 Rabbit mAb at dilution 1/50



WB (Western Blot)
Western blot detection of Peroxiredoxin 3/PRDX3 in Hela,HL-60, using Peroxiredoxin 3/PRDX3 Rabbit mAb(1:1000 diluted

ADDITIONAL INFORMATION

Related Product Information for anti-PRDX3 antibody	Thiol-specific peroxidase that catalyzes the reduction of hydrogen peroxide and organic hydroperoxides to water and alcohols, respectively. Plays a role in cell protection against oxidative stress by detoxifying peroxides (PubMed:7733872, PubMed:17707404).
Product Categories/Family for anti-PRDX3 antibody	Primary Antibody

NCBI AND UNIPROT INFORMATION

NCBI GI #	2507171
NCBI GeneID	10935
UniProt Accession #	P30048; P35690; Q0D2H1; Q13776; Q5T5V2; Q96HK4; B2R7Z0; D3DRC9; E9PH29
Molecular Weight	256
NCBI Official Full Name	Thioredoxin-dependent peroxide reductase, mitochondrial
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/monoclonal/peroxiredoxin-3-antibody-clone-s07-3i3-immunohistochemistry-western-blot-elisa/314561