

Rabbit anti-Human PMPCA Polyclonal Antibody | anti-PMPCA antibody

Rabbit anti-PMPCA Antibody, Affinity Purified

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA213299	Rabbit	Human	Immunoprecipitation, Western Blot

PRODUCT SYNONYMS

PMPCA; Polyclonal Antibody; Rabbit anti-PMPCA Antibody; Affinity Purified; mitochondrial-processing peptidase subunit alpha; P-55; mitochondrial matrix processing protease; alpha subunit; INPP5E; inositol polyphosphate-5-phosphatase; 72 kD; CLA1; Cerebellar ataxia-1; Alpha-MPP; cerebellar ataxia 1 (autosomal recessive); SCAR2; CPD3; Mitochondrial-processing peptidase subunit alpha; peptidase; mitochondrial processing alpha subunit; anti-PMPCA antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human
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-PMPCA antibody	IP (Immunoprecipitation), WB (Western Blot)
Predicted Reactivity	Bovine, 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

IMAGES



WB (Western Blot)

Detection of human PMPCA by western blot. Samples: Whole cell lysate (50 ug) from HeLa, HEK293T, and Jurkat cells prepared using NETN lysis buffer. Antibody: Affinity purified rabbit anti-PMPCA antibody AAA213299 (lot AAA213299-1) used for WB at 0.1 ug/ml. Detection: Chemiluminescence with an exposure time of 30 seconds.



IP (Immunoprecipitation)

Detection of human PMPCA 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-PMPCA antibody AAA213299 (lot AAA213299-1) used for IP at 6 ug per reaction. PMPCA was also immunoprecipitated by rabbit anti-PMPCA antibody For blotting immunoprecipitated PMPCA, AAA213299 was used at 1 ug/ml. Detection: Chemiluminescence with an exposure time of 3 minutes.

ADDITIONAL INFORMATION

Related Product Information for anti-PMPCA antibody	PMPCA is found in the mitochondrion, where it represents the alpha subunit of a proteolytic heterodimer. This heterodimer is responsible for cleaving the transit peptide from nuclear-encoded mitochondrial proteins [taken from NCBI Entrez Gene (Gene ID: 23203)].
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NCBI AND UNIPROT INFORMATION

NCBI GI #	24308013
NCBI GeneID	23203
NCBI Accession #	NP_055975.1
NCBI GenBank Nucleotide #	NM_015160.2
UniProt Accession #	Q10713; Q16639; Q5SXM9; Q8N513; B4DKL3; E7ET61
Molecular Weight	58253
NCBI Official Full Name	mitochondrial-processing peptidase subunit alpha isoform 1
NCBI Official Synonym Full Names	peptidase (mitochondrial processing) alpha
NCBI Official Symbol	PMPCA
NCBI Official Synonym Symbols	P-55; INPP5E; Alpha-MPP
NCBI Protein Information	mitochondrial-processing peptidase subunit alpha
UniProt Protein Name	Mitochondrial-processing peptidase subunit alpha
UniProt Gene Name	PMPCA
UniProt Synonym Gene Names	INPP5E; KIAA0123; MPPA
UniProt Entry Name	MPPA_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.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com

Online datasheet: <https://stage.aaabiotech.com/polyclonal/pmpca-antibody-immunoprecipitation-western-blot-elisa/213299>