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PMPCA Antibody - C-terminal region

Rabbit Polyclonal Antibody
Catalog # AI15953

Product Information

Application	WB
Primary Accession	Q10713
Other Accession	NM_015160, NP_055975
Reactivity	Human, Mouse, Rat, Dog, Guinea Pig, Horse, Bovine
Predicted	Human, Mouse, Rat, Pig, Dog, Guinea Pig, Horse, Bovine
Host	Rabbit
Clonality	Polyclonal
Calculated MW	58253

Additional Information

Gene ID	23203
Alias Symbol	Alpha-MPP, INPP5E
Other Names	Mitochondrial-processing peptidase subunit alpha, 3.4.24.64, Alpha-MPP, P-55, PMPCA, INPP5E, KIAA0123, MPPA
Format	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09% (w/v) sodium azide and 2% sucrose.
Reconstitution & Storage	Add 50 &mu, l of distilled water. Final Anti-PMPCA antibody concentration is 1 mg/ml in PBS buffer with 2% sucrose. For longer periods of storage, store at -20°C. Avoid repeat freeze-thaw cycles.
Precautions	PMPCA Antibody - C-terminal region is for research use only and not for use in diagnostic or therapeutic procedures.

Protein Information

Name	PMPCA
Synonyms	INPP5E, KIAA0123, MPPA
Function	Substrate recognition and binding subunit of the essential mitochondrial processing protease (MPP), which cleaves the mitochondrial sequence off newly imported precursors proteins.
Cellular Location	Mitochondrion matrix {ECO:0000250|UniProtKB:P20069}. Mitochondrion inner membrane
Tissue Location	Ubiquitously expressed with highest expression in fetal tissues and adult

brain, cerebellum and cerebellar vermis

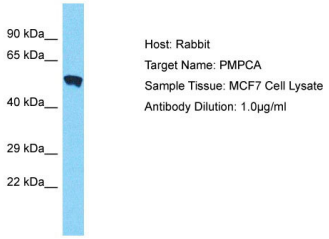
Background

Cleaves presequences (transit peptides) from mitochondrial protein precursors.

References

Nagase T.,et al.DNA Res. 2:37-43(1995).
Nagase T.,et al.DNA Res. 2:167-174(1995).
Ota T.,et al.Nat. Genet. 36:40-45(2004).
Humphray S.J.,et al.Nature 429:369-374(2004).
Mural R.J.,et al.Submitted (JUL-2005) to the EMBL/GenBank/DDBJ databases.

Images



Host: Rabbit
Target Name: PMPCA
Sample Tissue: MCF7 Whole cell lysate
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Antibody Dilution: 1.0µg/mlPMPCA is supported by BioGPS gene expression data to be expressed in MCF7

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.