

PMPCA Antibody - C-terminal region
Rabbit Polyclonal Antibody
Catalog # AI15953**Specification**

PMPCA Antibody - C-terminal region - Product Information

Application	WB
Primary Accession	Q10713
Other Accession	NM_015160 , NP_055975
Reactivity	Human, Mouse, Rat, Horse, Bovine, Guinea Pig, Dog
Predicted	Human, Mouse, Rat, Pig, Horse, Bovine, Guinea Pig, Dog
Host	Rabbit
Clonality	Polyclonal
Calculated MW	54kDa kDa

PMPCA Antibody - C-terminal region - 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 µl 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.

PMPCA Antibody - C-terminal region - 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 precursor proteins.

Cellular Location

Mitochondrion matrix {ECO:0000250|UniProtKB:P20069}. Mitochondrion inner membrane

Tissue Location

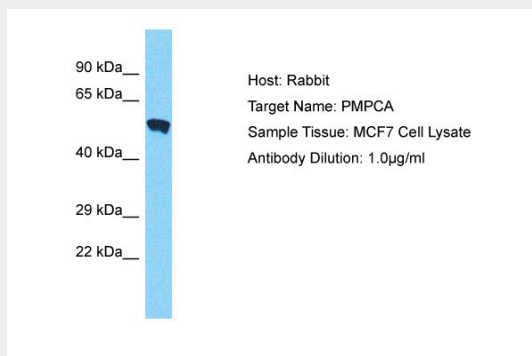
Ubiquitously expressed with highest expression in fetal tissues and adult brain, cerebellum and cerebellar vermis

PMPCA Antibody - C-terminal region - Protocols

Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

PMPCA Antibody - C-terminal region - Images



Host: Rabbit

Target Name: PMPCA

Sample Tissue: MCF7 Whole cell lysate

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Antibody Dilution: 1.0µg/ml PMPCA is supported by BioGPS gene expression data to be expressed in MCF7

PMPCA Antibody - C-terminal region - Background

Cleaves presequences (transit peptides) from mitochondrial protein precursors.

PMPCA Antibody - C-terminal region - 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.