

# PMPCA Antibody (C-term)

Affinity Purified Rabbit Polyclonal Antibody (Pab)

Catalog # AP11161b

## Product Information

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<b>Application</b>	WB, FC, E
<b>Primary Accession</b>	<a href="#">Q10713</a>
<b>Other Accession</b>	<a href="#">NP_055975.1</a>
<b>Reactivity</b>	Human
<b>Host</b>	Rabbit
<b>Clonality</b>	Polyclonal
<b>Isotype</b>	Rabbit IgG
<b>Clone Names</b>	RB28847
<b>Calculated MW</b>	58253
<b>Antigen Region</b>	454-483

## Additional Information

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<b>Gene ID</b>	23203
<b>Other Names</b>	Mitochondrial-processing peptidase subunit alpha, Alpha-MPP, P-55, PMPCA, INPP5E, KIAA0123, MPPA
<b>Target/Specificity</b>	This PMPCA antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 454-483 amino acids from the C-terminal region of human PMPCA.
<b>Dilution</b>	WB~~1:1000 FC~~1:10~50 E~~Use at an assay dependent concentration.
<b>Format</b>	Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is purified through a protein A column, followed by peptide affinity purification.
<b>Storage</b>	Maintain refrigerated at 2-8°C for up to 2 weeks. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles.
<b>Precautions</b>	PMPCA Antibody (C-term) is for research use only and not for use in diagnostic or therapeutic procedures.

## Protein Information

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<b>Name</b>	PMPCA
<b>Synonyms</b>	INPP5E, KIAA0123, MPPA
<b>Function</b>	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

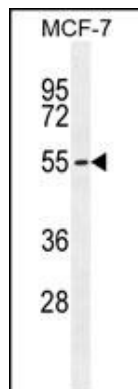
## References

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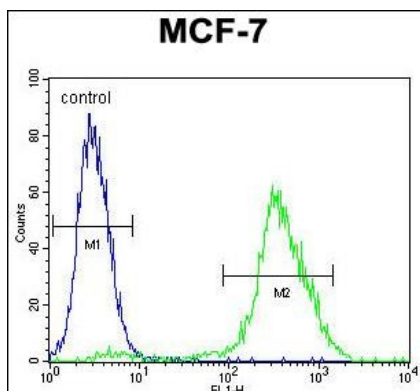
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## Images

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PMPCA Antibody (C-term) (Cat. #AP11161b) western blot analysis in MCF-7 cell line lysates (35ug/lane). This demonstrates the PMPCA antibody detected the PMPCA protein (arrow).



PMPCA Antibody (C-term) (Cat. #AP11161b) flow cytometric analysis of MCF-7 cells (right histogram) compared to a negative control cell (left histogram). FITC-conjugated goat-anti-rabbit secondary antibodies were used for the analysis.

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