

Rabbit anti-Human, mouse PMPCB Polyclonal Antibody | anti-PMPCB antibody

PMPCB Antibody (N-term)

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA287026	Rabbit	Human, mouse	Flow Cytometry, Functional Assay, Immunohistochemistry, ELISA, Western Blot

PRODUCT SYNONYMS

PMPCB; Polyclonal Antibody; PMPCB Antibody (N-term); Mitochondrial-processing peptidase subunit beta; Beta-MPP; P-52; MPPB; anti-PMPCB antibody

PRODUCT SPECIFICATIONS

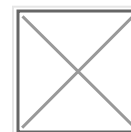
Host	Rabbit
Reactivity	Human, mouse
Clonality	Polyclonal
Isotype	Rabbit Ig
Specificity	This PMPCB antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 18-46 amino acids from the N-terminal region of human PMPCB.
Purity/Purification	Peptide Affinity Purified Rabbit Polyclonal Antibody (Pab)
Form/Format	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.
Concentration	Vial Concentration: 0.5 (varies by lot)
Sequence Positions	18-46
Sequence Length	489
Applicable Applications for anti-PMPCB antibody	FCM/FACS (Flow Cytometry), IHC (Immunohistochemistry), ELISA, WB (Western Blot)
Antigen Type	Synthetic Peptide
Antigen Source	HUMAN
Preparation and Storage	Maintain refrigerated at 2-8 degree C for up to 6 months. For long term storage store at -20 degree C in small aliquots to prevent freeze-thaw cycles.

IMAGES



FCM/FACS (Flow Cytometry)

PMPCB Antibody (N-term) flow cytometric analysis of 293 cells (right histogram) compared to a negative control cell (left histogram). FITC-conjugated goat-anti-rabbit secondary antibodies were used for the analysis.



IHC (Immunohistochemistry)

PMPCB Antibody (N-term) IHC analysis in formalin fixed and paraffin embedded mouse kidney tissue followed by peroxidase conjugation of the secondary antibody and DAB staining. This data demonstrates the use of the PMPCB Antibody (N-term) for immunohistochemistry. Clinical relevance has not been evaluated.



WB (Western Blot)

Western blot analysis of PMPCB Antibody (N-term) in mouse kidney tissue lysates (35ug/lane). PMPCB (arrow) was detected using the purified Pab.

ADDITIONAL INFORMATION

Related Product Information for anti-PMPCB antibody	PMPCB is a member of the peptidase M16 family and encodes a protein with a zinc-binding motif. This protein is located in the mitochondrial matrix and catalyzes the cleavage of the leader peptides of precursor proteins newly imported into the mitochondria, though it only functions as part of a heterodimeric complex.
Product Categories/Family for anti-PMPCB antibody	Cancer; Cell biology
References	Luczynski, W., et al. Neoplasma 56(5):428-434(2009) Schwer, B., et al. J. Cell Biol. 158(4):647-657(2002) Nagao, Y., et al. J. Biol. Chem. 275(44):34552-34556(2000)

NCBI AND UNIPROT INFORMATION

NCBI GI #	94538354
NCBI GeneID	9512
NCBI Accession #	NP_004270.2
NCBI GenBank Nucleotide #	NM_004279.2
UniProt Accession #	O75439; O60416; Q96FV4
Molecular Weight	54366
NCBI Official Full Name	mitochondrial-processing peptidase subunit beta
NCBI Official Synonym Full Names	peptidase (mitochondrial processing) beta
NCBI Official Symbol	PMPCB
NCBI Official Synonym Symbols	MPPB; P-52; MPP11; MPPP52; Beta-MPP
NCBI Protein Information	mitochondrial-processing peptidase subunit beta
UniProt Protein Name	Mitochondrial-processing peptidase subunit beta
UniProt Gene Name	PMPCB
UniProt Synonym Gene Names	MPPB
UniProt Entry Name	MPPB_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/pmpcb-antibody-flow-cytometry-immunohistochemistry-western-blot-elisa/287026>