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PMPCB Polyclonal Antibody

Catalog Number **PA5-24912**

Product data sheet

Details

Size	400 µL
Host/Isotope	Rabbit / IgG
Class	Polyclonal
Type	Antibody
Immunogen	KLH conjugated synthetic peptide between 18-46 amino acids from the N-terminal region of human PMPCB
Conjugate	Unconjugated
Form	Liquid
Concentration	0.5 mg/mL
Storage Conditions	-20° C, Avoid Freeze/Thaw Cycles

Species Reactivity

Species reactivity	Human, Mouse

Tested Applications	Dilution *
Flow Cytometry (Flow)	1:10-1:50
Immunohistochemistry (Paraffin) (IHC (P))	1:50-1:100
Western Blot (WB)	1:1,000

* Suggested working dilutions are given as a guide only. It is recommended that the user titrate the product for use in their own experiment using appropriate negative and positive controls.

Background/Target Information

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.

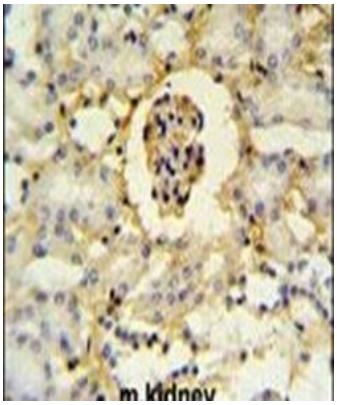
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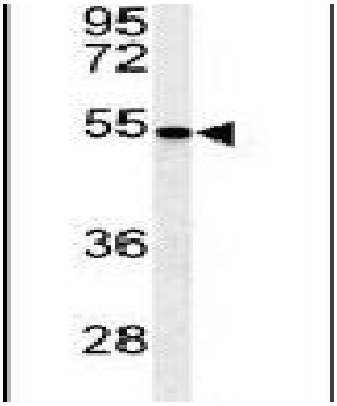
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Product Images For PMPCB Polyclonal Antibody



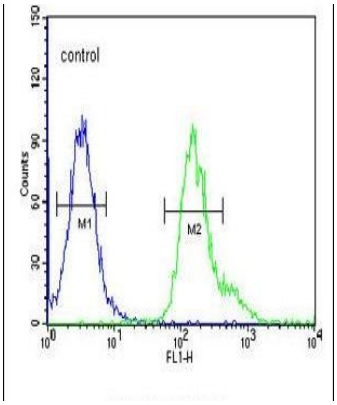
PMPCB Antibody (PA5-24912) in IHC

Immunohistochemistry analysis in formalin-fixed, paraffin-embedded mouse kidney tissue using a PMPCB polyclonal antibody (Product # PA5-24912), followed by HRP-conjugated secondary antibody and DAB staining.



PMPCB Antibody (PA5-24912) in WB

Western blot analysis using a PMPCB polyclonal antibody (Product # PA5-24912) in mouse kidney tissue lysates (35 µg per lane).



PMPCB Antibody (PA5-24912) in Flow

Flow cytometry analysis of 293 cells using a PMPCB polyclonal antibody (Product # PA5-24912) (right) compared to a negative control cell (left) at a dilution of 1:10-50, followed by a FITC-conjugated goat anti-rabbit antibody

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