

For Research Use Only

# MVB12B Polyclonal antibody

Catalog Number:33961-1-AP



## Basic Information

<b>Catalog Number:</b> 33961-1-AP	<b>GenBank Accession Number:</b> BC000122	<b>Purification Method:</b> Antigen affinity Purification
<b>Size:</b> 150ul , Concentration: 370 ug/ml by Nanodrop;	<b>GeneID (NCBI):</b> 89853	<b>Recommended Dilutions:</b> WB: 1:1000-1:8000
<b>Source:</b> Rabbit	<b>UNIPROT ID:</b> Q9H7P6	
<b>Isotype:</b> IgG	<b>Full Name:</b> family with sequence similarity 125, member B	
<b>Immunogen Catalog Number:</b> AG40577	<b>Calculated MW:</b> 319 aa, 36 kDa	
	<b>Observed MW:</b> 35 kDa	

## Applications

<b>Tested Applications:</b> WB, ELISA	<b>Positive Controls:</b> WB : Jurkat cells,
<b>Species Specificity:</b> human	

## Background Information

FAM125B/MVB12B gene codes for a component of a membrane complex involved in vesicular trafficking process, a function similar to that of the Caveolin genes (CAV1 and CAV2) which have previously been associated with primary open-angle glaucoma (PMID: 24518671). MVB12b is also a target for TANK-binding kinase 1 phosphorylation, which is essential for the sorting of DNA into EVs and stimulation of bystander cells (PMID: 30804548).

## Storage

**Storage:**  
Store at -20°C. Stable for one year after shipment.  
**Storage Buffer:**  
PBS with 0.02% sodium azide and 50% glycerol, pH7.3  
Aliquoting is unnecessary for -20°C storage

\*\*\* 20ul sizes contain 0.1% BSA

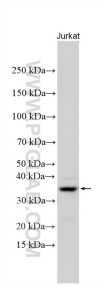
For technical support and original validation data for this product please contact:

T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)

E: [proteintech@ptglab.com](mailto:proteintech@ptglab.com)  
W: [ptglab.com](http://ptglab.com)

This product is exclusively available under Proteintech Group brand and is not available to purchase from any other manufacturer.

## Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 33961-1-AP (FAM125B antibody) at dilution of 1:4000 incubated at room temperature for 1.5 hours.