

For Research Use Only

# APOB48R Polyclonal antibody

Catalog Number: 25328-1-AP



## Basic Information

<b>Catalog Number:</b> 25328-1-AP	<b>GenBank Accession Number:</b> BC119786	<b>Purification Method:</b> Antigen affinity purification
<b>Size:</b> 150ul , Concentration: 1200 ug/ml by Nanodrop;	<b>GeneID (NCBI):</b> 55911	<b>Recommended Dilutions:</b> WB: 1:500-1:2000
<b>Source:</b> Rabbit	<b>UNIPROT ID:</b> Q0VD83	
<b>Isotype:</b> IgG	<b>Full Name:</b> apolipoprotein B48 receptor	
<b>Immunogen Catalog Number:</b> AG18204	<b>Calculated MW:</b> 1088 aa, 116 kDa	
	<b>Observed MW:</b> 116 kDa	

## Applications

<b>Tested Applications:</b> WB, ELISA	<b>Positive Controls:</b> WB : mouse testis tissue, rat testis tissue
<b>Species Specificity:</b> human, mouse, rat	

## Background Information

Apolipoprotein B48 receptor (APOB48R) is a macrophage receptor that binds to apoB of dietary triglyceride-rich lipoproteins or to a similar apoB-like domain in hypertriglyceridemic very low-density lipoprotein (HTG-VLDL). This receptor is crucial for the uptake of chylomicrons, HTG-VLDL, and trypsinized VLDL lacking apoE in macrophages. APOB48R may contribute necessary lipids, lipid-soluble vitamins, and other nutrients to reticuloendothelial cells. Elevated plasma triglyceride levels may cause APOB48R to be a factor in foam cell formation, endothelial dysfunction, and atherothrombogenesis (PMID: 10852956; 9633939; 15591219).

## 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

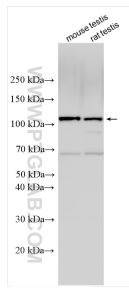
For technical support and original validation data for this product please contact:

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 25328-1-AP (APOB48R antibody) at dilution of 1:1000 incubated at room temperature for 1.5 hours.