

For Research Use Only

APOB48R Polyclonal antibody

Catalog Number: 25328-1-AP



Basic Information

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

Applications

Tested Applications: WB, ELISA	Positive Controls: WB : mouse testis tissue, rat testis tissue
Species Specificity: 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

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

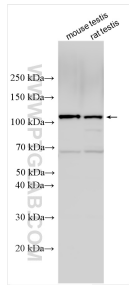
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Selected Validation Data



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.