

For Research Use Only

APOB48R Polyclonal antibody, PBS Only

Catalog Number: 25328-1-PBS



Basic Information

Catalog Number: 25328-1-PBS	GenBank Accession Number: BC119786	Purification Method: Antigen affinity purification
Concentration: 1 mg/ml	GeneID (NCBI): 55911	
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, Indirect ELISA

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 -80°C.
The product is shipped with ice packs. Upon receipt, store it immediately at -80°C

Storage Buffer:
PBS only, pH7.3

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

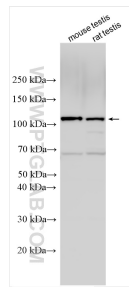
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Selected Validation Data



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. This data was developed using the same antibody clone with 25328-1-PBS in a different storage buffer formulation.