

For Research Use Only

HRP-conjugated APOB Polyclonal antibody



Catalog Number:HRP-20578

Basic Information

Catalog Number: HRP-20578	GenBank Accession Number: NM_000384	Purification Method: Antigen affinity purification
Size: 100ul , Concentration: 500 µg/ml by Nanodrop;	GeneID (NCBI): 338	Recommended Dilutions: WB 1:500-1:2000
Source: Rabbit	Full Name: apolipoprotein B (including Ag(x) antigen)	
Isotype: IgG	Calculated MW: 516 kDa	
	Observed MW: 150-250 kDa, 400-520 kDa	

Applications

Tested Applications: WB	Positive Controls: WB : mouse liver tissue,
Species Specificity: human, mouse	

Background Information

The apolipoprotein B (APOB) is a plasma protein synthesized primarily in the liver and intestine and play an important role in lipid and cholesterol metabolism. The APOB encodes two different isoproteins through mRNA editing, APOB-48 and APOB-100. APOB-48 and APOB-100 is present in both human liver and intestine. APOB-100 is essential for the assembly of VLDL in the liver. APOB-48 is essential for the assembly of chylomicrons in the intestine. It is well established that APOB-100 levels are associated with coronary heart disease. This antibody recognizes both of APOB-48, APOB-100 and APOB-27.6 (PMID:11839763, PMID:2450346).

Storage

Storage:
Store at -20°C. Avoid exposure to light. Stable for one year after shipment.
Storage Buffer:
PBS with 50% Glycerol, 0.05% Proclin300, 0.5% BSA, pH 7.3.
Aliquoting is unnecessary for -20°C storage

*** 20ul sizes contain 0.1% BSA

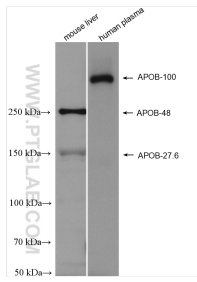
For technical support and original validation data for this product please contact:

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

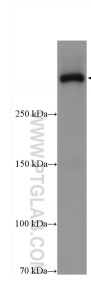
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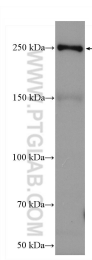
Selected Validation Data



mouse liver tissue were subjected to SDS PAGE followed by western blot with HRP-20578 (APOB antibody) at dilution of 1:1000 incubated at room temperature for 1.5 hours.



human plasma were subjected to SDS PAGE followed by western blot with HRP-20578 (APOB antibody) at dilution of 1:2000 incubated at room temperature for 1.5 hours.



mouse liver tissue were subjected to SDS PAGE followed by western blot with HRP-20578 (APOB antibody) at dilution of 1:4000 incubated at room temperature for 1.5 hours.