

For Research Use Only

LPL Polyclonal antibody

Catalog Number: 16899-1-AP **2 Publications**



Basic Information

Catalog Number: 16899-1-AP	GenBank Accession Number: BC011353	Purification Method: Antigen affinity purification
Size: 130 µg/ml	GeneID (NCBI): 4023	Recommended Dilutions: WB 1:200-1:1000
Source: Rabbit	UNIPROT ID: P06858	
Isotype: IgG	Full Name: lipoprotein lipase	
Immunogen Catalog Number: AG10431	Calculated MW: 475 aa, 53 kDa	
	Observed MW: 53 kDa	

Applications

Tested Applications: WB, ELISA	Positive Controls: WB : MCF-7 cells, HeLa cells, mouse skeletal muscle tissue
Cited Applications: WB	
Species Specificity: human, mouse, rat	
Cited Species: mouse	

Background Information

LPL (lipoprotein lipase) is also named as LIPD and belongs to the AB hydrolase superfamily. LPL catalyses the hydrolysis of the triacylglycerol component of circulating chylomicrons and very low density lipoproteins. It plays a role in the binding of lipoprotein particles to cell-surface molecules, including sulfated glycosaminoglycans (GAGs) (PMID:21177248). The gene encodes a protein of 475 amino acids that becomes a mature protein of 448 residues after cleavage of a signal peptide. This protein is highly glycosylated and functions as a head-to-tail dimer under well-defined conditions (PMID:11154699).

Notable Publications

Author	Pubmed ID	Journal	Application
Xinyu Yang	33980689	Diabetes	
Qiaoli Chen	28696211	Diabetes	WB

Storage

Storage:
Store at -20°C. Stable for one year after shipment.
Storage Buffer:
PBS with 0.02% sodium azide and 50% glycerol pH 7.3.
Aliquoting is unnecessary for -20°C storage

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

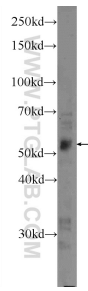
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Selected Validation Data



MCF-7 cells were subjected to SDS PAGE followed by western blot with 16899-1-AP (LPL Antibody) at dilution of 1:300 incubated at room temperature for 1.5 hours.