

For Research Use Only

LSR Monoclonal antibody

Catalog Number: 67508-1-Ig



Basic Information

Catalog Number: 67508-1-Ig	GenBank Accession Number: BC004381	Purification Method: Protein G purification
Size: 780 µg/ml	GeneID (NCBI): 51599	CloneNo.: 1G9B7
Source: Mouse	UNIPROT ID: Q86X29	Recommended Dilutions: WB 1:500-1:2000
Isotype: IgG1	Full Name: lipolysis stimulated lipoprotein receptor	
Immunogen Catalog Number: AG13205	Calculated MW: 71 kDa	
	Observed MW: 68 kDa	

Applications

Tested Applications: WB, ELISA	Positive Controls: WB : LNCaP cells, MCF-7 cells
Species Specificity: Human	

Background Information

LSR (lipolysis stimulated lipoprotein receptor) is a lipoprotein receptor primarily expressed in the liver and activated by free fatty acids (PMID: 10224102). This remnant receptor binds both apoB- and apoE-containing lipoproteins and displays greatest affinity for TG-rich lipoproteins. Distribution of LSR causes embryonic lethality in mice, indicating that the expression of LSR is critical for liver and embryonic development (PMID: 15265030). Investigations show that LSR is a multimer consisting of α subunit (68 kDa) and β subunit (56 kDa) associated through disulfide bridges (PMID: 10224102; 19188430; 18644789).

Storage

Storage:
Store at -20°C.
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:

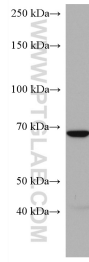
T: 4006900926

E: Proteintech-CN@ptglab.com

W: ptgcn.com

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Selected Validation Data



LNCaP cells were subjected to SDS PAGE followed by western blot with 67508-1-Ig (LSR antibody) at dilution of 1:2000 incubated at room temperature for 1.5 hours.