

For Research Use Only

LSR Recombinant monoclonal antibody

Catalog Number: 88350-2-RR



Basic Information

Catalog Number: 88350-2-RR	GenBank Accession Number: BC004381	Purification Method: Protein A purification
Size: 100ul , Concentration: 1000 µg/ml by Nanodrop;	GeneID (NCBI): 51599	CloneNo.: 260839G10
Source: Rabbit	UNIPROT ID: Q86X29	Recommended Dilutions: WB: 1:5000-1:50000
Isotype: IgG	Full Name: lipolysis stimulated lipoprotein receptor	
Immunogen Catalog Number: AG12961	Calculated MW: 71 kDa	
	Observed MW: 60-70 kDa	

Applications

Tested Applications: WB, ELISA	Positive Controls:
Species Specificity: human	WB : HepG2 cells, HEK-293T cells, A431 cells, HT-29 cells

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 a subunit (68 kDa) and β subunit (56 kDa) associated through disulfide bridges (PMID: 10224102; 19188430; 18644789).

Storage

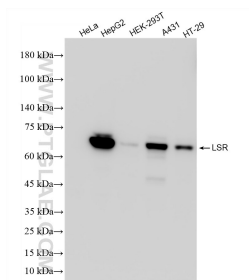
Storage:
Store at -20°C. Stable for one year after shipment.
Storage Buffer:
PBS with 0.02% sodium azide and 50% glycerol, pH7.3
Aliquoting is unnecessary for -20°C storage

*** 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)
E: proteintech@ptglab.com
W: ptglab.com

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Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 88350-2-RR (LSR antibody) at dilution of 1:20000 incubated at room temperature for 1.5 hours.