

For Research Use Only

LSR Recombinant monoclonal antibody

Catalog Number: 88350-2-RR



Basic Information

Catalog Number:

88350-2-RR

Source:

Rabbit

Isotype:

IgG

Immunogen Catalog Number:

AG12961

GenBank Accession Number:

BC004381

GeneID (NCBI):

51599

UNIPROT ID:

Q86X29

Full Name:

lipolysis stimulated lipoprotein receptor

Calculated MW:

71 kDa

Observed MW:

60-70 kDa

Purification Method:

Protein A purification

CloneNo.:

260839G10

Recommended Dilutions:

WB: 1:5000-1:50000

Applications

Tested Applications:

WB, ELISA

Species Specificity:

human

Positive Controls:

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 α 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

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

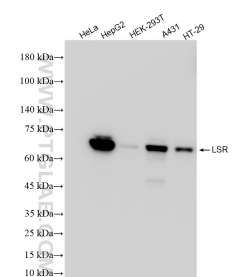
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This product is exclusively available under Proteintech Group brand and is not available to purchase from any other manufacturer.

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.