

For Research Use Only

LSR Polyclonal antibody, PBS Only

Catalog Number: 18216-1-PBS

Featured Product



Basic Information

Catalog Number:

18216-1-PBS

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, 56 kDa

Purification Method:

Antigen affinity purification

Applications

Tested Applications:

WB, IHC, Indirect ELISA

Species Specificity:

human, mouse, rat

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 -80°C .

The product is shipped with ice packs. Upon receipt, store it immediately at -80°C

Storage Buffer:

PBS only, pH7.3

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

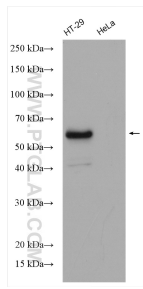
T: 4006900926

E: Proteintech-CN@ptglab.com

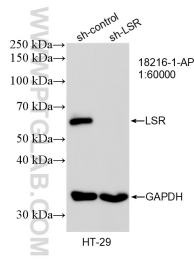
W: ptgcn.com

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

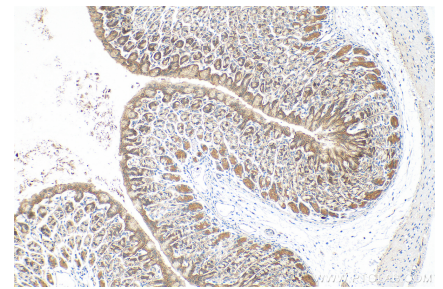
Selected Validation Data



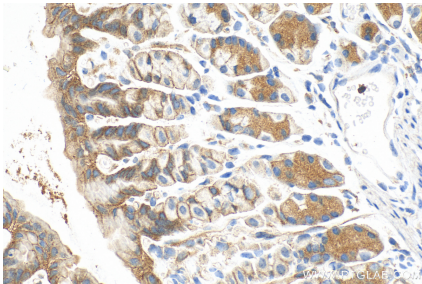
HT-29 cells (LSR+) and HeLa cells (LSR-) were subjected to SDS PAGE followed by western blot with 18216-1-AP (LSR antibody) at dilution of 1:1000 incubated at room temperature for 1.5 hours. This data was developed using the same antibody clone with 18216-1-PBS in a different storage buffer formulation.



WB result of LSR antibody (18216-1-AP; 1:60000; incubated at room temperature for 1.5 hours) with sh-Control and sh-LSR transfected HT-29 cells. This data was developed using the same antibody clone with 18216-1-PBS in a different storage buffer formulation.



Immunohistochemical analysis of paraffin-embedded mouse stomach tissue slide using 18216-1-AP (LSR antibody) at dilution of 1:1000 (under 10x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0). This data was developed using the same antibody clone with 18216-1-PBS in a different storage buffer formulation.



Immunohistochemical analysis of paraffin-embedded mouse stomach tissue slide using 18216-1-AP (LSR antibody) at dilution of 1:1000 (under 40x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0). This data was developed using the same antibody clone with 18216-1-PBS in a different storage buffer formulation.