

For Research Use Only

S1PR1/EDG1 Polyclonal antibody, PBS Only

Catalog Number: 29318-1-PBS



Basic Information

Catalog Number:

29318-1-PBS

Size:

1 mg/ml

Source:

Rabbit

Isotype:

IgG

Immunogen Catalog Number:

AG28083

GenBank Accession Number:

BC018650

GeneID (NCBI):

1901

UNIPROT ID:

P21453

Full Name:

sphingosine-1-phosphate receptor 1

Calculated MW:

43 kDa

Observed MW:

45-50 kDa

Purification Method:

Antigen affinity purification

Applications

Tested Applications:

WB, Indirect ELISA

Species Specificity:

human, mouse

Background Information

S1PR1 (sphingosine-1-phosphate receptor 1), also known as S1P1 or EDG1, is one of five G-protein-coupled receptors for sphingosine-1-phosphate (S1P) (PMID: 18787560). S1P1 and its receptors have important regulatory functions in normal physiology and disease processes, particularly involving the immune, central nervous, and cardiovascular systems (PMID: 21339489). S1PR1 is widely expressed in various cell types, including endothelial cells and lymphocytes (PMID: 14737169). S1P-S1PR1 plays a major role in lymphocyte egress and chemotaxis, cell proliferation and survival, and tumor angiogenesis and metastasis (PMID: 21102457).

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

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

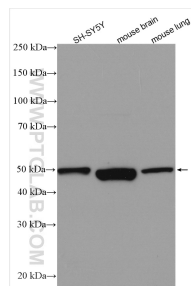
T: 4006900926

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



Various lysates were subjected to SDS PAGE followed by western blot with 29318-1-AP (S1PR1 antibody) at dilution of 1:1000 incubated at room temperature for 1.5 hours. This data was developed using the same antibody clone with 29318-1-PBS in a different storage buffer formulation.