

For Research Use Only

SPHK1 Recombinant antibody, PBS Only

Catalog Number: 84640-1-PBS



Basic Information

Catalog Number:

84640-1-PBS

Size:

1 mg/ml

Source:

Rabbit

Isotype:

IgG

GenBank Accession Number:

NM_182965

GeneID (NCBI):

8877

UNIPROT ID:

Q9NYA1

Full Name:

sphingosine kinase 1

Calculated MW:

51 kDa

Observed MW:

42 kDa

Purification Method:

Protein A purification

CloneNo.:

241017A6

Applications

Tested Applications:

WB, Indirect ELISA

Species Specificity:

human

Background Information

SPHK(Sphingosine kinase 1) is also named as SPHK, SPK. It catalyzes the phosphorylation of sphingosine to form sphingosine 1-phosphate (SPP), a lipid mediator with both intra- and extracellular functions and is precariously perched at the balance point between pro-growth and pro-death signalling in the cell. Endogenous SPHK1 purified from placenta has identical enzymatic characteristics, suggesting posttranslational modification does not effect functional properties (PMID:10947957). It has 2 isoforms produced by alternative splicing and can form the oligomeric structure (PMID:22335554).

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:

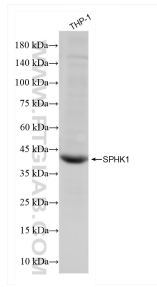
T: 4006900926

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



THP-1 cells were subjected to SDS PAGE followed by western blot with 84640-1-RR (SPHK1 antibody) at dilution of 1:1000 incubated at room temperature for 1.5 hours. This data was developed using the same antibody clone with 84640-1-PBS in a different storage buffer formulation.