

For Research Use Only

SPHK1 Recombinant antibody, PBS Only

Catalog Number: 84640-1-PBS



Basic Information

Catalog Number:

84640-1-PBS

Size:

100ug , Concentration: 1 mg/ml by Nanodrop;

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 progrowth 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.

Storage Buffer:

PBS Only

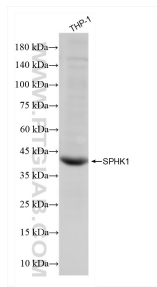
For technical support and original validation data for this product please contact:

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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.