

For Research Use Only

SMPD2 Polyclonal antibody

Catalog Number: 15239-1-AP



Basic Information

Catalog Number:

15239-1-AP

Size:

300 µg/ml

Source:

Rabbit

Isotype:

IgG

Immunogen Catalog Number:

AG7367

GenBank Accession Number:

BC000038

GeneID (NCBI):

6610

UNIPROT ID:

O60906

Full Name:

sphingomyelin phosphodiesterase 2,
neutral membrane (neutral
sphingomyelinase)

Calculated MW:

48 kDa

Observed MW:

48 kDa

Purification Method:

Antigen affinity purification

Recommended Dilutions:

WB 1:500-1:1000

Applications

Tested Applications:

WB, ELISA

Species Specificity:

human, mouse

Positive Controls:

WB : mouse liver tissue,

Background Information

SMPD2, Sphingomyelin phosphodiesterase 2, is also named as Lyso-platelet-activating factor-phospholipase C and neutral sphingomyelinase (nSMase). It is involved in the sphingolipid metabolism pathway, which can catalyze the hydrolysis of sphingomyelin to form ceramide and phosphocholine. Smpd2/Smpd3 double-mutant mice were found to have severe retardation of late embryonic and postnatal growth and delayed puberty, belonging to hypothalamus-induced combined pituitary hormone deficiency (PubMed: 15764706).

Storage

Storage:

Store at -20°C. Stable for one year after shipment.

Storage Buffer:

PBS with 0.02% sodium azide and 50% glycerol pH 7.3.

Aliquoting is unnecessary for -20°C storage

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

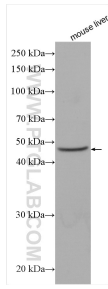
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This product is exclusively available under Proteintech Group brand and is not available to purchase from any other manufacturer.

Selected Validation Data



mouse liver tissue were subjected to SDS PAGE followed by western blot with 15239-1-AP (SMPD2 antibody) at dilution of 1:800 incubated at room temperature for 1.5 hours.