

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:

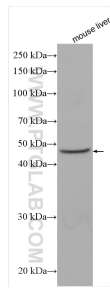
Store at -20°C. Stable for one year after shipment.

Storage Buffer:

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

Aliquoting is unnecessary for -20°C storage

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.