

SMPD1

Reactivity: Human Mouse Rat

Tested applications: WB IHC IF

Recommended Dilution: WB 1:500 - 1:2000 IHC 1:50 - 1:200 IF 1:10 - 1:100

Calculated MW: 69kDa

Observed MW: Refer to figures

Immunogen:

Recombinant protein of human SMPD1

Storage Buffer:

Store at -20. Avoid freeze / thaw cycles. Buffer: PBS with 0.02% sodium azide, 50% glycerol, pH7.3.

Synonym:

ASM; NPD; ASMASE;

Catalog #: A6743

Antibody Type:

Polyclonal Antibody

Species: Rabbit

Gene ID: 6609

Isotype: IgG

Swiss Prot: P17405

Purity: Affinity purification

For research use only.

Background:

The protein encoded by this gene is a lysosomal acid sphingomyelinase that converts sphingomyelin to ceramide. The encoded protein also has phospholipase C activity. Defects in this gene are a cause of Niemann-Pick disease type A (NPA) and Niemann-Pick disease type B (NPB). Multiple transcript variants encoding different isoforms have been identified.

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