

## SMPD1

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**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;

**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.

*To place an order, please [Click HERE](#).*

**Catalog #:**A6743

**Antibody Type:**

Polyclonal Antibody

**Species:**Rabbit

**Gene ID:**6609

**Isotype:**IgG

**Swiss Prot:**P17405

**Purity:**Affinity purification

For research use only.