

## 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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