

Product datasheet for TA339053

OriGene Technologies, Inc.

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Acid sphingomyelinase (SMPD1) Rabbit Polyclonal Antibody

Product data:

Product Type: Primary Antibodies

Applications: WB

Recommended Dilution: WB

Reactivity: Human

Host: Rabbit

Isotype: IgG

Clonality: Polyclonal

Immunogen: The immunogen for anti-SMPD1 antibody: synthetic peptide directed towards the middle

region of human SMPD1. Synthetic peptide located within the following region:

INSTDPAGQLQWLVGELQAAEDRGDKVHIIGHIPPGHCLKSWSWNYYRIV

Formulation: Liquid. Purified antibody supplied in 1x PBS buffer with 0.09% (w/v) sodium azide and 2%

sucrose.

Note that this product is shipped as lyophilized powder to China customers.

Concentration: lot specific

Purification: Protein A purified

Conjugation: Unconjugated

Storage: Store at -20°C as received.

Stability: Stable for 12 months from date of receipt.

Predicted Protein Size: 65 kDa

Gene Name: sphingomyelin phosphodiesterase 1

Database Link: NP 000534

Entrez Gene 6609 Human

P17405

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.

[provided by RefSeq, Jul 2010]





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Synonyms: ASM; ASMASE; NPD

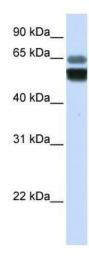
Note: Immunogen Sequence Homology: Dog: 100%; Pig: 100%; Horse: 100%; Human: 100%; Sheep:

100%; Bovine: 100%; Rabbit: 100%; Guinea pig: 93%; Rat: 86%; Mouse: 86%

Protein Families: Druggable Genome, Transmembrane

Protein Pathways: Lysosome, Metabolic pathways, Sphingolipid metabolism

Product images:



WB Suggested Anti-SMPD1 Antibody Titration: 0.2-1 ug/ml; ELISA Titer: 1:62500; Positive Control:

Human heart