

A16263

Leader in Biomolecular Solutions for Life Science



SMPD1 / ASM Rabbit pAb

Catalog No.: A16263

Basic Information

Observed MW

75kDa

Calculated MW

70kDa

Category

Polyclonal Antibody

Applications

WB,IF/ICC,ELISA

Cross-Reactivity

Human,Mouse,Rat

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.

Recommended Dilutions

WB	1:100 - 1:500
IF/ICC	1:50 - 1:100

Immunogen Information

Gene ID

6609

Swiss Prot

P17405

Immunogen

Recombinant fusion protein containing a sequence corresponding to amino acids 70-340 of human SMPD1 / ASM (NP_000534.3).

Synonyms

ASM; NPD; ASMASE; SMPD1 / ASM

Contact



www.abclonal.com

Product Information

Source

Rabbit

Isotype

IgG

Purification

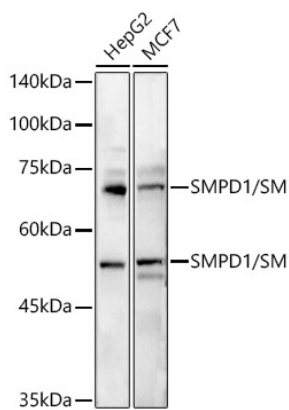
Affinity purification

Storage

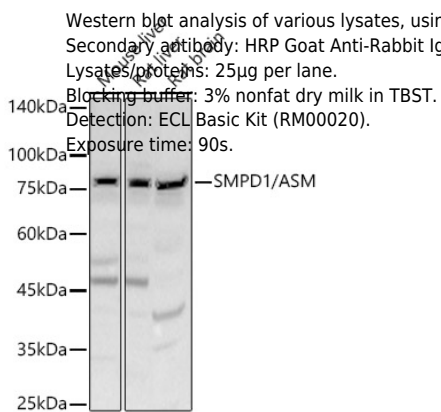
Store at -20°C. Avoid freeze / thaw cycles.

Buffer: PBS with 0.01% thimerosal, 50% glycerol, pH 7.3.

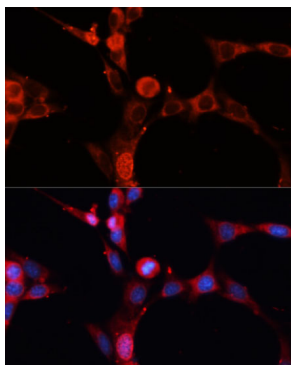
Validation Data



Western blot analysis of extracts of various cell lines, using SMPD1 / ASM antibody (A16263) at 1:500 dilution.
 Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (AS014) at 1:10000 dilution.
 Lysates/proteins: 25µg per lane.
 Blocking buffer: 3% nonfat dry milk in TBST.
 Detection: ECL Basic Kit (RM00020).
 Exposure time: 5s.



Western blot analysis of various lysates, using SMPD1 / ASM antibody (A16263) at 1:400 dilution.
 Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (AS014) at 1:10000 dilution.
 Lysates/proteins: 25µg per lane.
 Blocking buffer: 3% nonfat dry milk in TBST.
 Detection: ECL Basic Kit (RM00020).
 Exposure time: 90s.



Immunofluorescence analysis of NIH-3T3 cells using SMPD1 / ASM Polyclonal Antibody (A16263) at dilution of 1:100 (40x lens).
 Blue: DAPI for nuclear staining.