

Rabbit SMPD1/ASM Polyclonal Antibody | anti-SMPD1/ASM antibody

SMPD1/ASM Polyclonal Antibody

CATALOG # AAA311264	HOST Rabbit	REACTIVITY Human, Mouse, Rat	APPLICATIONS Immunofluorescence, Western Blot
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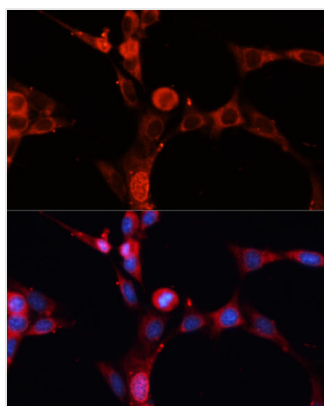
PRODUCT SYNONYMS

SMPD1/ASM; Polyclonal Antibody; SMPD1/ASM Polyclonal Antibody; SMPD1; ASM; ASMASE; NPD; sphingomyelin phosphodiesterase; anti-SMPD1/ASM antibody

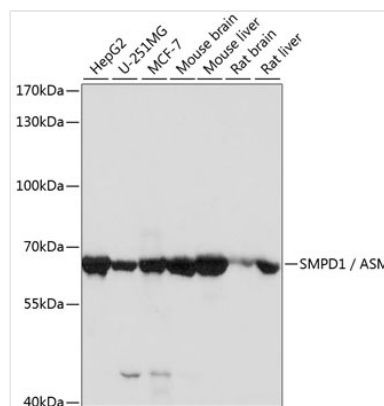
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	Affinity purification
Form/Format	PBS with 50% glycerol, pH7.4
Applicable Applications for anti-SMPD1/ASM antibody	IF (Immunofluorescence), WB (Western Blot)
Immunogen	Recombinant protein of human SMPD1/ ASM
Conjugation	Unconjugated
Preparation and Storage	Store at -20 degree C. Avoid freeze/thaw cycles.

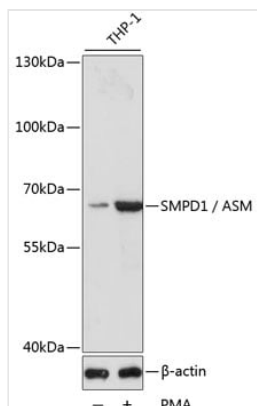
IMAGES


IF (Immunofluorescence)

Immunofluorescence analysis of NIH-3T3 cells using SMPD1/ ASM Polyclonal Antibody.


WB (Western Blot)

Western blot analysis of extracts of various cell lines, using SMPD1/ ASM antibody.



WB (Western Blot)

Western blot analysis of extracts of THP-1 cells, using SMPD1/ ASM antibody.

ADDITIONAL INFORMATION

Related Product Information for anti-SMPD1/ASM antibody	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.
Product Categories/Family for anti-SMPD1/ASM antibody	Total protein Ab

NCBI AND UNIPROT INFORMATION

NCBI GI #	179095
NCBI GeneID	6609
UniProt Accession #	P17405; P17406; Q13811; Q16837; Q16841; A8K8M3; E9PKS3
Molecular Weight	69,752 Da
NCBI Official Full Name	acid sphingomyelinase
NCBI Official Synonym Full Names	sphingomyelin phosphodiesterase 1, acid lysosomal
NCBI Official Symbol	SMPD1
NCBI Official Synonym Symbols	ASM; NPD; ASMASE
NCBI Protein Information	sphingomyelin phosphodiesterase; acid sphingomyelinase
UniProt Protein Name	Sphingomyelin phosphodiesterase
UniProt Gene Name	SMPD1
UniProt Synonym Gene Names	ASM; aSMase
UniProt Entry Name	ASM_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com

Online datasheet: <https://stage.aaabiotech.com/polyclonal/smpd1-asm-antibody-immunofluorescence-western-blot-elisa/311264>