

Rabbit Acid sphingomyelinase Polyclonal Antibody | anti-SMPD1 antibody

Acid sphingomyelinase Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA328981	Rabbit	Human, Mouse, Rat	Immunohistochemistry, Western Blot, Immunocytochemistry, Immunofluorescence

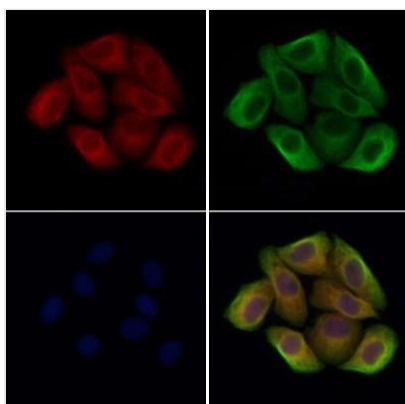
PRODUCT SYNONYMS

Acid sphingomyelinase; Polyclonal Antibody; Acid sphingomyelinase Antibody; ASM; ASM_HUMAN; aSMase; NPD; Smpd1; Sphingomyelin phosphodiesterase 1 acid lysosomal; Sphingomyelin phosphodiesterase; anti-SMPD1 antibody

PRODUCT SPECIFICATIONS

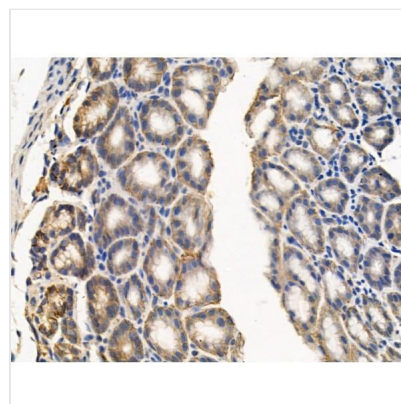
Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	The antiserum was purified by peptide affinity chromatography using SulfoLink™ Coupling Resin (Thermo Fisher Scientific).
Form/Format	Rabbit IgG in phosphate buffered saline , pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Concentration	~1mg/ml (varies by lot)
Applicable Applications for anti-SMPD1 antibody	IHC (Immunohistochemistry), WB (Western Blot), ICC (Immunocytochemistry), IF (Immunofluorescence)
Immunogen	A synthesized peptide derived from human Acid sphingomyelinase, corresponding to a region within C terminal amino acids.
Preparation and Storage	Store at -20°C.

IMAGES



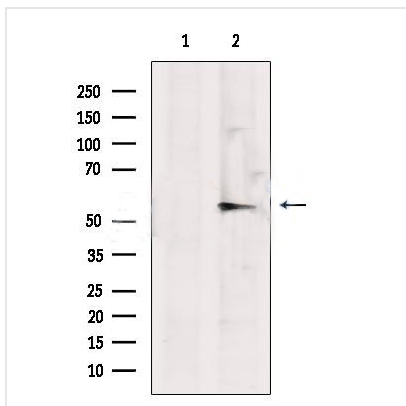
IF (Immunofluorescence)

AAA328981 staining HeLa cells by IF/ICC. The samples were fixed with PFA and permeabilized in 0.1% Triton X-100, then blocked in 10% serum for 45 minutes at 25°C. Samples were then incubated with primary Ab(AAA328981 1:200) and mouse anti-beta tubulin Ab(1:200) for 1 hour at 37°C. An AlexaFluor594 conjugated goat anti-rabbit IgG(H+L) Ab(Red) and an AlexaFluor488 conjugated goat anti-mouse IgG(H+L) Ab(Green) were used as the secondary antibody. The nuclear counter stain is DAPI(blue).



IHC (Immunohistochemistry)

AAA328981 at 1/100 staining Mouse stomach tissue by IHC-P. The sample was formaldehyde fixed and a heat mediated antigen retrieval step in citrate buffer was performed. The sample was then blocked and incubated with the primary antibody at 4°C overnight. An HRP conjugated anti-Rabbit antibody was used as the secondary antibody.



WB (Western Blot)
 Western blot analysis of extracts from HepG2 cells, using Acid sphingomyelinase Antibody.
 The lane on the left was treated with blocking peptide.Observed bands: 55 kDa.

NCBI AND UNIPROT INFORMATION

NCBI GI #	179095
NCBI GeneID	6609
UniProt Accession #	P17405
Molecular Weight	69kDa, 55 kDa
NCBI Official Full Name	acid sphingomyelinase
NCBI Official Synonym Full Names	sphingomyelin phosphodiesterase 1
NCBI Official Symbol	SMPD1
NCBI Official Synonym Symbols	ASM; NPD; ASMASE
NCBI Protein Information	sphingomyelin phosphodiesterase
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.

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 Online datasheet: <https://stage.aaabiotech.com/polyclonal/acid-sphingomyelinase-antibody-immunohistochemistry-western-blot-immunocytochemistry-immunofluorescence-elisa/328981>