

Rabbit ASM3A Polyclonal Antibody | anti-SMPDL3A antibody

ASM3A Antibody (C-term)

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA288901	Rabbit	Human (Predicted Reactivity: Bovine)	Flow Cytometry, Functional Assay, Immunohistochemistry, ELISA, Western Blot

PRODUCT SYNONYMS

ASM3A; Polyclonal Antibody; ASM3A Antibody (C-term); Acid sphingomyelinase-like phosphodiesterase 3a; ASM-like phosphodiesterase 3a; 314-; SMPDL3A; ASML3A; anti-SMPDL3A antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human (Predicted Reactivity: Bovine)
Clonality	Polyclonal
Isotype	Rabbit Ig
Specificity	This ASM3A antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 321-349 amino acids from the C-terminal region of human ASM3A.
Purity/Purification	Peptide Affinity Purified Rabbit Polyclonal Antibody (Pab)
Form/Format	Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is purified through a protein A column, followed by peptide affinity purification.
Concentration	Vial Concentration: 0.5 (varies by lot)
Sequence Positions	321-349
Sequence Length	322
Applicable Applications for anti-SMPDL3A antibody	FCM/FACS (Flow Cytometry), IHC (Immunohistochemistry), ELISA, WB (Western Blot)
Antigen Type	Synthetic Peptide
Antigen Source	HUMAN
Preparation and Storage	Maintain refrigerated at 2-8 degree C for up to 6 months. For long term storage store at -20 degree C in small aliquots to prevent freeze-thaw cycles.

IMAGES



FCM/FACS (Flow Cytometry)

ASM3A Antibody (C-term) flow cytometric analysis of MDA-MB435 cells (right histogram) compared to a negative control cell (left histogram). FITC-conjugated goat-anti-rabbit secondary antibodies were used for the analysis.



IHC (Immunohistochemistry)

ASM3A Antibody (C-term) IHC analysis in formalin fixed and paraffin embedded breast carcinoma followed by peroxidase conjugation of the secondary antibody and DAB staining. This data demonstrates the use of the ASM3A Antibody (C-term) for immunohistochemistry. Clinical relevance has not been evaluated.



WB (Western Blot)

Western blot analysis of ASM3A Antibody (C-term) in MDA-MB435 cell line lysates (35ug/lane). ASM3A (arrow) was detected using the purified Pab.

ADDITIONAL INFORMATION

Product Categories/Family for anti-SMPDL3A antibody	Metabolism; Signal Transduction
References	Mungall, A.J., et al. Nature 425(6960):805-811(2003) Wright, K.O., et al. J. Urol. 168(6):2645-2649(2002)

NCBI AND UNIPROT INFORMATION

NCBI GI #	24307911
NCBI GeneID	10924
NCBI Accession #	NP_006705.1
NCBI GenBank Nucleotide #	NM_006714.4
UniProt Accession #	Q92484; Q8WV13; B7Z729
Molecular Weight	51260
NCBI Official Full Name	acid sphingomyelinase-like phosphodiesterase 3a isoform a
NCBI Official Synonym Full Names	sphingomyelin phosphodiesterase, acid-like 3A
NCBI Official Symbol	SMPDL3A
NCBI Official Synonym Symbols	ASM3A; ASML3a; yR36GH4.1
NCBI Protein Information	acid sphingomyelinase-like phosphodiesterase 3a
UniProt Protein Name	Acid sphingomyelinase-like phosphodiesterase 3a
UniProt Gene Name	SMPDL3A
UniProt Synonym Gene Names	ASML3A; ASM-like phosphodiesterase 3a
UniProt Entry Name	ASM3A_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/asm3a-antibody-flow-cytometry-immunohistochemistry-western-blot-elisa/288901>