

SMPDL3B antibody - N-terminal region

Rabbit Polyclonal Antibody Catalog # Al10573

Specification

SMPDL3B antibody - N-terminal region - Product Information

Application WB, IHC Primary Accession Q92485

Other Accession NM 014474, NP 055289

Reactivity Human, Mouse, Rat, Zebrafish, Pig, Horse,

Bovine, Dog

Predicted Human, Mouse, Rat, Pig, Chicken, Bovine,

Guinea Pig, Dog

Host Rabbit
Clonality Polyclonal
Calculated MW 52kDa KDa

SMPDL3B antibody - N-terminal region - Additional Information

Gene ID 27293

Alias Symbol ASML3B

Other Names

Acid sphingomyelinase-like phosphodiesterase 3b, ASM-like phosphodiesterase 3b, 3.1.4.-, SMPDL3B, ASML3B

Format

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

Reconstitution & Storage

Add 50 ul of distilled water. Final anti-SMPDL3B antibody concentration is 1 mg/ml in PBS buffer with 2% sucrose. For longer periods of storage, store at 20°C. Avoid repeat freeze-thaw cycles.

Precautions

SMPDL3B antibody - N-terminal region is for research use only and not for use in diagnostic or therapeutic procedures.

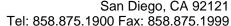
SMPDL3B antibody - N-terminal region - Protein Information

Name SMPDL3B

Synonyms ASML3B, ASMLPD

Function

Lipid-modulating phosphodiesterase (PubMed:26095358). Active on the surface of macrophages and dendritic cells and strongly influences macrophage lipid composition and membrane fluidity. Acts as a negative regulator of Toll-like receptor signaling (By similarity).





Has in vitro phosphodiesterase activity, but the physiological substrate is unknown (PubMed:26095358). Lacks activity with phosphocholine-containing lipids, but can cleave CDP-choline, and can release phosphate from ATP and ADP (in vitro) (By similarity).

Cellular Location

Secreted. Cell membrane {ECO:0000250|UniProtKB:P58242}; Lipid-anchor, GPI-anchor {ECO:0000250|UniProtKB:P58242}

SMPDL3B antibody - N-terminal region - Protocols

Provided below are standard protocols that you may find useful for product applications.

- Western Blot
- Blocking Peptides
- Dot Blot
- <u>Immunohistochemistry</u>
- Immunofluorescence
- <u>Immunoprecipitation</u>
- Flow Cytomety
- Cell Culture