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SMPDL3B antibody - N-terminal region
Rabbit Polyclonal Antibody
Catalog # AI10573

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
- Immunohistochemistry
- Immunofluorescence
- Immunoprecipitation
- Flow Cytomety
- Cell Culture