

UNC93B1 antibody - N-terminal region
Rabbit Polyclonal Antibody
Catalog # AI13109**Specification**

UNC93B1 antibody - N-terminal region - Product Information

Application	WB
Primary Accession	O9H1C4
Other Accession	NM_030930 , NP_112192
Reactivity	Human, Mouse, Rat, Pig, Horse, Bovine, Guinea Pig, Dog
Predicted Host	Human, Mouse, Rat, Horse, Guinea Pig
Clonality	Rabbit
Calculated MW	Polyclonal 67kDa KDa

UNC93B1 antibody - N-terminal region - Additional Information**Gene ID** 81622**Alias Symbol** **MGC126617, UNC93, UNC93B, IIAE1, Unc-93B1****Other Names**

Protein unc-93 homolog B1, Unc-93B1, hUNC93B1, UNC93B1, UNC93, UNC93B

Format

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

Reconstitution & Storage

Add 100 ul of distilled water. Final anti-UNC93B1 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

UNC93B1 antibody - N-terminal region is for research use only and not for use in diagnostic or therapeutic procedures.

UNC93B1 antibody - N-terminal region - Protein Information**Name** UNC93B1 ([HGNC:13481](#))**Synonyms** UNC93, UNC93B**Function**

Plays an important role in innate and adaptive immunity by regulating nucleotide-sensing Toll-like receptor (TLR) signaling. Required for the transport of a subset of TLRs (including TLR3, TLR7 and TLR9) from the endoplasmic reticulum to endolysosomes where they can engage pathogen nucleotides and activate signaling cascades. May play a role in autoreactive B-cells removal.

Cellular Location

Endoplasmic reticulum membrane; Multi-pass membrane protein. Endosome Lysosome. Cytoplasmic vesicle, phagosome Note=Relocalizes from endoplasmic reticulum to endosome and lysosome upon cell-stimulation with CpG dinucleotides (By similarity) Colocalizes with LAMP5 in large endosomal intracellular vesicles {ECO:0000250, ECO:0000269|PubMed:18082565, ECO:0000269|PubMed:21642595}

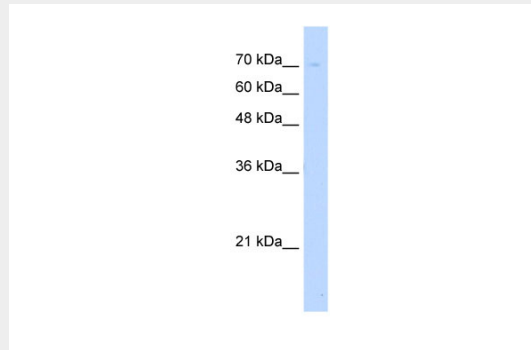
Tissue Location

Expressed in plasmacytoid dendritic cells (at protein level). Highly expressed in antigen-presenting cells. Expressed in heart, and at lower level in kidney. Expressed at low level in other tissues.

UNC93B1 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 Cytometry](#)
- [Cell Culture](#)

UNC93B1 antibody - N-terminal region - Images

WB Suggested Anti-UNC93B1 Antibody Titration: 5.0µg/ml

Positive Control: Jurkat cell lysate

UNC93B1 antibody - N-terminal region - References

Kashuba V.I., et al. Gene 283:209-217(2002).
Taylor T.D., et al. Nature 440:497-500(2006).
Kollewe A., et al. Thesis (2001), University of Hannover, Germany.
Olsen J.V., et al. Cell 127:635-648(2006).
Casrouge A., et al. Science 314:308-312(2006).