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UNC93B / UNC93B1 Antibody (N-Terminus)
Rabbit Polyclonal Antibody
Catalog # ALS12411

Specification

UNC93B / UNC93B1 Antibody (N-Terminus) - Product Information

Application	**WB, IF, IHC**
Primary Accession	Q9H1C4
Reactivity	**Human, Mouse, Rat**
Host	**Rabbit**
Clonality	**Polyclonal**
Calculated MW	**67kDa KDa**

UNC93B / UNC93B1 Antibody (N-Terminus) - Additional Information

Gene ID 81622

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

Reconstitution & Storage
Short term 4°C, long term aliquot and store at -20°C, avoid freeze thaw cycles. Store undiluted.

Precautions
UNC93B / UNC93B1 Antibody (N-Terminus) is for research use only and not for use in diagnostic or therapeutic procedures.

UNC93B / UNC93B1 Antibody (N-Terminus) - 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 plasmocytoid dendritic cells (at protein level). Highly expressed in antigen-presenting

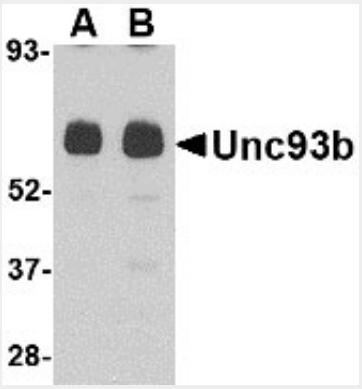
cells. Expressed in heart, and at lower level in kidney. Expressed at low level in other tissues.

UNC93B / UNC93B1 Antibody (N-Terminus) - Protocols

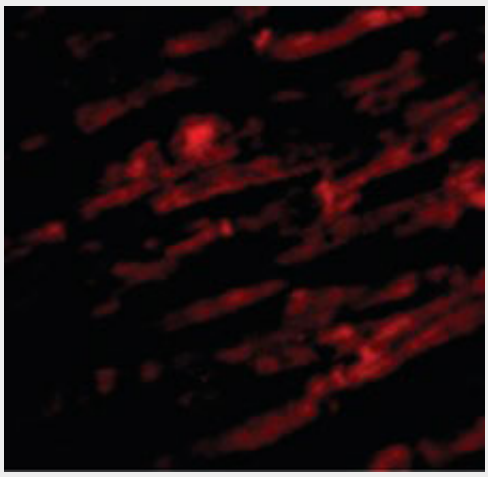
Provided below are standard protocols that you may find useful for product applications.

- Western Blot
- Blocking Peptides
- Dot Blot
- Immunohistochemistry
- Immunofluorescence
- Immunoprecipitation
- Flow Cytomety
- Cell Culture

UNC93B / UNC93B1 Antibody (N-Terminus) - Images

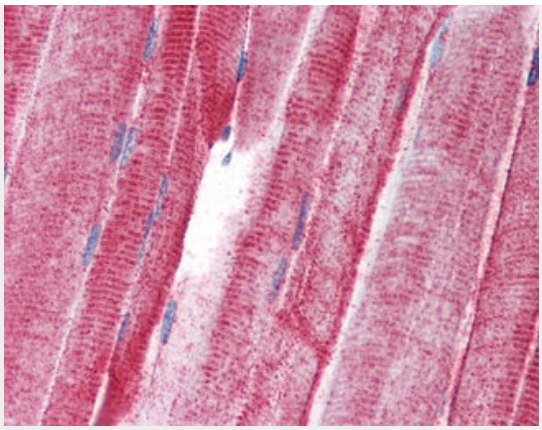


Western blot of Unc93b in human heart tissue lysate with Unc93b antibody at (A) 0.5 and (B) 1 ug/ml.



Immunofluorescence of Unc93b in Human Heart cells with Unc93b antibody at 20 ug/ml.

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Anti-UNC93B1 / UNC93B antibody IHC of human skeletal muscle.

UNC93B / UNC93B1 Antibody (N-Terminus) - Background

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.

UNC93B / UNC93B1 Antibody (N-Terminus) - References

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