

[Go to Product page](#)

## Datasheet for ABIN6990887 **anti-UNC93B1 antibody (N-Term)**

### Overview

Quantity:	0.1 mg
Target:	UNC93B1
Binding Specificity:	AA 80-130, N-Term
Reactivity:	Human, Mouse, Rat
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This UNC93B1 antibody is un-conjugated
Application:	Western Blotting (WB), ELISA, Immunohistochemistry (Paraffin-embedded Sections) (IHC (p)), Immunofluorescence (IF)

### Product Details

Immunogen:	Unc93b antibody was raised against a 19 amino acid synthetic peptide from near the amino terminus of human Unc93b. The immunogen is located within amino acids 80 - 130 of Unc93b.
Isotype:	IgG
Specificity:	Multiple isoforms of Unc93b are known to exist. This antibody will not cross-react with Unc93a.
Purification:	Unc93b Antibody is affinity chromatography purified via peptide column.

### Target Details

Target:	UNC93B1
Alternative Name:	Unc93b ( <a href="#">UNC93B1 Products</a> )

## Target Details

Background:	Unc93b Antibody: The endoplasmic reticulum (ER) protein Unc93b, a human homolog of the C. elegans Unc93 gene, was initially identified by a forward genetic screen using N-ethyl-N-nitrosourea where a histidine-to-arginine substitution in Unc93b caused defects in Toll-like receptor (TLR) 3, 7 and 9 signaling. Unlike Unc93a, another homolog of the C. elegans Unc93 gene whose function is unknown, Unc93b specifically interacts with TLR3, 7 and 9, the histidine-to-arginine point mutation used to identify Unc93b abolishes this interaction. Mice carrying this point mutation are highly susceptible to infection with a number of viruses, indicating that Unc93b plays an important role in innate immunity.
Molecular Weight:	56, 66 kDa
Gene ID:	81622
UniProt:	<a href="#">Q9H1C4</a>
Pathways:	<a href="#">TLR Signaling</a> , <a href="#">Activation of Innate immune Response</a> , <a href="#">Toll-Like Receptors Cascades</a>

## Application Details

Application Notes:	Unc93b antibody can be used for the detection of Unc93b by Western blot at 0.5 - 1 µg/mL. Antibody can also be used for immunohistochemistry starting at 2.5 µg/mL. For immunofluorescence start at 20 µg/mL.  Antibody validated: Western Blot in human samples, Immunohistochemistry in human samples and Immunofluorescence in human samples. All other applications and species not yet tested.
Restrictions:	For Research Use only

## Handling

Format:	Liquid
Concentration:	1 mg/mL
Buffer:	Unc93b Antibody is supplied in PBS containing 0.02 % sodium azide.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	-20 °C, 4 °C
Storage Comment:	Unc93b antibody can be stored at 4°C for three months and -20°C, stable for up to one year. As

with all antibodies care should be taken to avoid repeated freeze thaw cycles. Antibodies should not be exposed to prolonged high temperatures.