

Datasheet for ABIN501104  
**anti-UNC93B1 antibody (N-Term)**

## 2 Images

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## Overview

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

## Product Details

Immunogen:	Unc93b antibody was raised against a 19 amino acid peptide from near the amino terminus of human Unc93b.
Isotype:	IgG
Specificity:	This antibody detects Unc93b. The antibody will not cross-react with Unc93a.
Cross-Reactivity (Details):	Species reactivity (tested): Human, mouse, rat
Purification:	Affinity chromatography

## Target Details

Target:	UNC93B1
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## Target Details

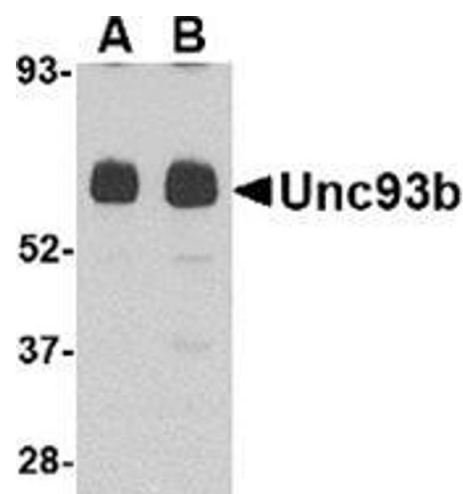
Alternative Name:	UNC93B1 ( <a href="#">UNC93B1 Products</a> )
Background:	<p>The endoplasmic reticulum (ER) protein Unc93b, a human homolog of the C. elegans Unc93 gene, was initially identified by a forward genetic screen using N-ethyl-N-nitrosourea where a histidine-to-arginine substitution in Unc93b 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. Multiple isoforms of Unc93a are known to exist. Synonyms: Protein unc-93 homolog B1, UNC-93B, UNC93</p>
Gene ID:	81622
NCBI Accession:	<a href="#">NP_112192</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:	<p>ELISA. Western blot: 0.5 - 1 µg/mL. Immunohistochemistry on paraffin sections.</p> <p>Other applications not tested.</p> <p>Optimal dilutions are dependent on conditions and should be determined by the user.</p>
Restrictions:	For Research Use only

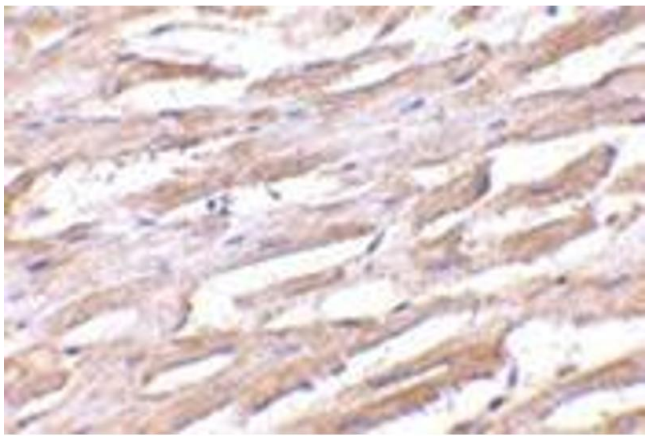
## Handling

Buffer:	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.
Handling Advice:	Avoid repeated freezing and thawing.
Storage:	4 °C/-20 °C
Storage Comment:	Store at 2 - 8 °C for up to one month or (in aliquots) at -20 °C for longer.



#### Western Blotting

**Image 1.** Western blot analysis of Unc93b in human heart tissue lysate with this product at (A) 0.5 and (B) 1 µg/ml.



#### Immunohistochemistry (Paraffin-embedded Sections)

**Image 2.** Immunohistochemistry of Unc93b in human heart with this product at 2.5 µg/ml.