

## Product datasheet for **TA306557**

### UNC93B (UNC93B1) Rabbit Polyclonal Antibody

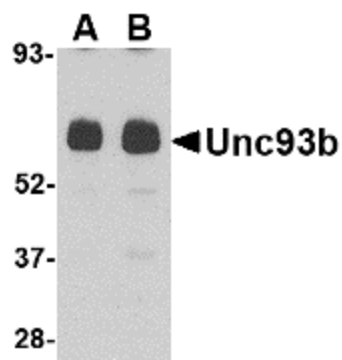
#### Product data:

Product Type:	Primary Antibodies
Applications:	IF, IHC, WB
Recommended Dilution:	WB: 0.5 - 1 ug/mL, ICC: 2.5 ug/mL, IF: 20 ug/mL
Reactivity:	Human, Mouse, Rat
Host:	Rabbit
Isotype:	IgG
Clonality:	Polyclonal
Immunogen:	Unc93b antibody was raised against a 19 amino acid peptide from near the amino terminus of human Unc93b.
Formulation:	PBS containing 0.02% sodium azide.
Purification:	Affinity chromatography purified via peptide column
Conjugation:	Unconjugated
Storage:	Store at -20°C as received.
Stability:	Stable for 12 months from date of receipt.
Gene Name:	unc-93 homolog B1 (C. elegans)
Database Link:	<a href="#">AAH33623</a> <a href="#">Entrez Gene 81622 Human</a> <a href="#">Q9H1C4</a>
Background:	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. This antibody will not cross-react with Unc93a.
Synonyms:	IIAE1; Unc-93B1; UNC93; UNC93B

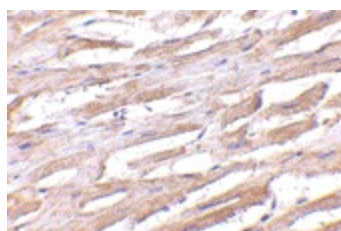


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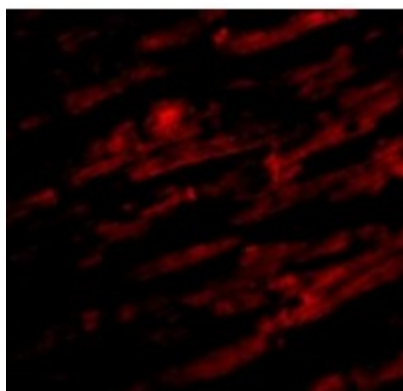
## Product images:



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



Immunohistochemistry of Unc93b in human heart with Unc93b antibody at 2.5 ug/ml.



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