
Unc93b Antibody

Subcategory: Rabbit Polyclonal Antibody

Cat. No.: 253856

Unit: 0.1 mg

Description:

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.

Isotype: Rabbit Ig

Applications: E, WB, IHC

Species Reactivity: H, M, R

Format: Each vial contains 0.1 ml IgG in PBS pH 7.4 with 0.02% sodium azide. Antibody was purified by immunogen affinity chromatography.

Alternate Names: Unc93b; Unc93b1; homolog of *C. elegans* Unc93

Accession No.: AAH33623

Antigen: KLH-conjugated synthetic peptide encompassing a sequence within human Unc93b.

Application Notes: E: 1:500-1:1,000; WB: 1:100-1:500; IHC: 1:100-1:500

Storage: Store at -20°C. Minimize freeze-thaw cycles.

Product is guaranteed one year from the date of shipment.

For research use only, not for diagnostic or therapeutic procedures.