

Datasheet for 600-401-FU8**Unc93a Antibody****Overview**

Description:	Anti-Unc93a (RABBIT) Antibody - 600-401-FU8
Item No.:	600-401-FU8
Size:	100 µg
Applications:	ELISA, WB
Reactivity:	Human
Host Species:	Rabbit

Product Details

Background:	Unc93a, a human homolog of the C. elegans Unc93 gene, was initially identified by the sequencing of chromosome 6q27 at D6S193 as loss at this region correlated with sporadic ovarian cancer. Further analysis however, showed no tumor suppressor role for Unc93a. Unlike Unc93b, another homolog of the C. elegans Unc93 gene that is crucial for Toll-like receptor (TLR) signaling, the function of Unc93a is unknown. It is expressed in testis, small intestine, spleen, prostate and ovary.
Synonyms:	Unc93a Antibody, Unc-93A, dJ366N23.1, dJ366N23.2, Protein unc-93 homolog A, HmUnc-93A
Host Species:	Rabbit
Clonality:	Polyclonal
Format:	IgG

Target Details

Gene Name:	UNC93A
Reactivity:	Human
Immunogen Type:	Conjugated Peptide
Immunogen:	Anti-Unc93a antibody was prepared from whole rabbit serum produced by repeated immunizations with a 18 amino acid synthetic peptide from near the C-terminus of human Unc93a.

Purity/Specificity: Anti-Unc93a Antibody was affinity purified from monospecific antiserum by immunoaffinity chromatography. Two isoforms of Unc93a are known to exist. This antibody will not cross-react with Unc93b.

Relevant Links:

- [UniProtKB - Q86WB7](#)
- [GeneID - 54346](#)
- [NCBI - NP_001137419.1](#)

Application Details

Tested Applications: ELISA, WB

Application Note: Anti-Unc93a Antibody has been tested for use in ELISA and Western Blotting. Specific conditions for reactivity should be optimized by the end user. Expect a band at approximately 50 kDa in Western Blots of specific cell lysates and tissues.

Assay Dilutions: All assays should be optimized by the user. Recommended dilutions (if any) may be listed below.

ELISA: 1:5000 - 1:10000

WB: 0.5-1 µg/mL

Formulation

Physical State: Liquid (sterile filtered)

Concentration: 1 mg/mL by UV absorbance at 280 nm

Buffer: 0.01 M Sodium Phosphate, 0.25 M Sodium Chloride, pH 7.2

Preservative: 0.02% (w/v) Sodium Azide

Stabilizer: None

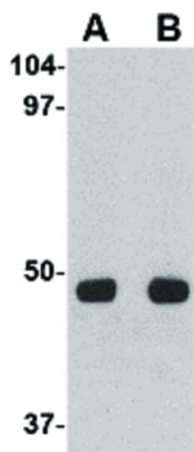
Shipping & Handling

Shipping Condition: Dry Ice

Storage Condition: Store vial at -20° C prior to opening. Aliquot contents and freeze at -20° C or below for extended storage. Avoid cycles of freezing and thawing. Centrifuge product if not completely clear after standing at room temperature. This product is stable for several weeks at 4° C as an undiluted liquid. Dilute only prior to immediate use.

Expiration: Expiration date is one (1) year from date of receipt.

Images



Western Blot

Western Blot of Unc93a antibody. Lane A: HeLa cell lysate at 0.5 $\mu\text{g/mL}$. Lane B: HeLa cell lysate at 1 $\mu\text{g/mL}$. Load: 35 μg per lane. Secondary antibody: Peroxidase rabbit secondary antibody at 1:10,000 for 45 min at RT. Block: 5% BLOTTO overnight at 4°C. Predicted/Observed size: 164 kDa, ~48 kDa for Unc93a.

Disclaimer

This product is for research use only and is not intended for therapeutic or diagnostic applications. Please contact a technical service representative for more information. All products of animal origin manufactured by Rockland Immunochemicals are derived from starting materials of North American origin. Collection was performed in United States Department of Agriculture (USDA) inspected facilities and all materials have been inspected and certified to be free of disease and suitable for exportation. All properties listed are typical characteristics and are not specifications. All suggestions and data are offered in good faith but without guarantee as conditions and methods of use of our products are beyond our control. All claims must be made within 30 days following the date of delivery. The prospective user must determine the suitability of our materials before adopting them on a commercial scale. Suggested uses of our products are not recommendations to use our products in violation of any patent or as a license under any patent of Rockland Immunochemicals, Inc. If you require a commercial license to use this material and do not have one, then return this material, unopened to: Rockland Inc., P.O. BOX 5199, Limerick, Pennsylvania, USA.