

For Research Use Only

# UNC93B1 Polyclonal antibody

Catalog Number:28359-1-AP



## Basic Information

<b>Catalog Number:</b> 28359-1-AP	<b>GenBank Accession Number:</b> BC101568	<b>Purification Method:</b> Antigen affinity purification
<b>Size:</b> 550 ug/ml	<b>GeneID (NCBI):</b> 81622	<b>Recommended Dilutions:</b> WB 1:500-1:1000 IHC 1:50-1:500
<b>Source:</b> Rabbit	<b>UNIPROT ID:</b> Q9H1C4	
<b>Isotype:</b> IgG	<b>Full Name:</b> unc-93 homolog B1 (C. elegans)	
<b>Immunogen Catalog Number:</b> AG27937	<b>Calculated MW:</b> 597 aa, 67 kDa	
	<b>Observed MW:</b> ~70 kDa	

## Applications

**Tested Applications:**  
WB, IHC, ELISA

**Species Specificity:**  
human, mouse, rat, pig

**Note-IHC: suggested antigen retrieval with TE buffer pH 9.0; (\*) Alternatively, antigen retrieval may be performed with citrate buffer pH 6.0**

**Positive Controls:**

**WB :** mouse spleen tissue, rat kidney tissue, rat spleen tissue, pig spleen tissue

**IHC :** human ovary cancer tissue,

## Background Information

Unc-93 homolog B1 (UNC93B1) is a key regulator of nucleic acid (NA)-sensing Toll-like receptors (TLRs). UNC93B1 plays an important role in innate and adaptive immunity by regulating nucleotide-sensing Toll-like receptor (TLR) signaling. It's a transmembrane protein that is known to control the movement of TLRs from the endoplasmic reticulum-where TLRs are assembled-to endosomes. The calculated MW of UNC93B1 is 66 kDa, 28359-1-AP can detect a band around 70 kDa.

## Storage

**Storage:**

Store at -20°C. Stable for one year after shipment.

**Storage Buffer:**

PBS with 0.02% sodium azide and 50% glycerol pH 7.3.

Aliquoting is unnecessary for -20°C storage

For technical support and original validation data for this product please contact:

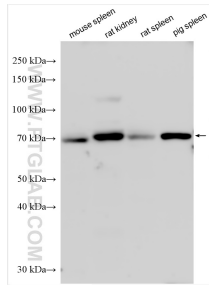
T: 4006900926

E: Proteintech-CN@ptglab.com

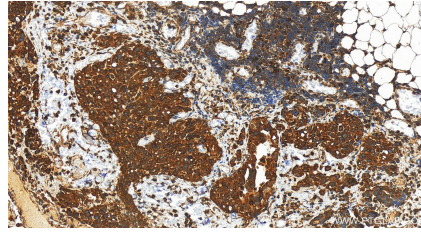
W: ptgcn.com

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## Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 28359-1-AP (UNC93B1 antibody) at dilution of 1:500 incubated at room temperature for 1.5 hours.



Immunohistochemical analysis of paraffin-embedded human ovary cancer tissue slide using 28359-1-AP (UNC93B1 antibody) at dilution of 1:100 (under 20x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).