

For Research Use Only

# TRBP Monoclonal antibody, PBS Only



Catalog Number: 66792-1-PBS

Featured Product

## Basic Information

<b>Catalog Number:</b> 66792-1-PBS	<b>GenBank Accession Number:</b> BC005860	<b>Purification Method:</b> Protein G purification
<b>Size:</b> 100ug , Concentration: 1 mg/ml by Nanodrop;	<b>GeneID (NCBI):</b> 6895	<b>CloneNo.:</b> 1C9A10
<b>Source:</b> Mouse	<b>UNIPROT ID:</b> Q15633	
<b>Isotype:</b> IgG1	<b>Full Name:</b> TAR (HIV-1) RNA binding protein 2	
<b>Immunogen Catalog Number:</b> AG8269	<b>Calculated MW:</b> 39 kDa	
	<b>Observed MW:</b> 43-46 kDa	

## Applications

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

**Species Specificity:**  
Human

## Background Information

TARBP2 is a component of the RISC loading complex (RLC), also known as the micro-RNA (miRNA) loading complex (miRLC). Within the complex, TARBP2 and DICER1 are required to process precursor miRNAs (pre-miRNA) to mature miRNA and then load them onto EIF2C2/AGO2. It may have a role in the production of short interfering RNAs (siRNAs) from double-stranded RNA (dsRNA) by DICER1. Otherwise, it binds to the HIV-1 TAR RNA that is located in the long terminal repeat (LTR) of HIV-1, and stimulates translation of TAR-containing RNAs. The endogenous TRBP that was present in HEK293 cells, with apparent molecular masses of 43-46 kDa, are expressed in human cells. (PMID: 16142218)

## Storage

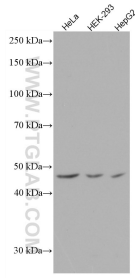
**Storage:**  
Store at -80°C.

**Storage Buffer:**  
PBS Only

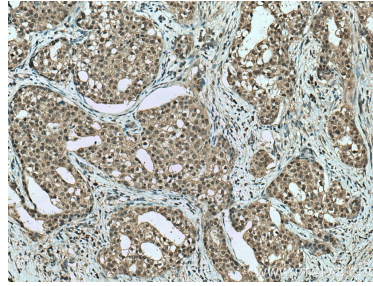
For technical support and original validation data for this product please contact:  
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)      E: proteintech@ptglab.com  
W: ptglab.com

This product is exclusively available under Proteintech Group brand and is not available to purchase from any other manufacturer.

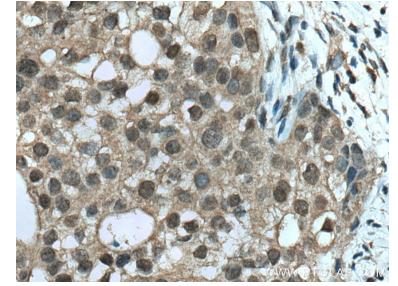
## Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 66792-1-Ig (TRBP antibody) at dilution of 1:2000 incubated at room temperature for 1.5 hours. This data was developed using the same antibody clone with 66792-1-PBS in a different storage buffer formulation.



Immunohistochemical analysis of paraffin-embedded human breast cancer tissue slide using 66792-1-Ig (TRBP antibody) at dilution of 1:400 (under 10x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0). This data was developed using the same antibody clone with 66792-1-PBS in a different storage buffer formulation.



Immunohistochemical analysis of paraffin-embedded human breast cancer tissue slide using 66792-1-Ig (TRBP antibody) at dilution of 1:400 (under 40x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0). This data was developed using the same antibody clone with 66792-1-PBS in a different storage buffer formulation.