

For Research Use Only

TRBP Monoclonal ANTIBODY



Catalog Number: 66792-1-Ig

Basic Information

Catalog Number: 66792-1-Ig	GenBank Accession Number: BC005860	Purification Method: Protein G purification
Size: 150UL, Concentration: 740 µg/ml by Bradford method using BSA as the standard;	GeneID (NCBI): 6895	CloneNo.: 1C9A10
Source: Mouse	Full Name: TAR (HIV-1) RNA binding protein 2	Recommended Dilutions: WB 1:500-1:2000 IHC 1:200-1:800
Isotype: IgG1	Calculated MW: 39 kDa	
Immunogen Catalog Number: AG8269	Observed MW: 43-46 kDa	

Applications

Tested Applications: IHC, WB, ELISA	Positive Controls:
Species Specificity: Human	WB: HeLa cells, HEK-293 cells, HepG2 cells
Note-IHC: suggested antigen retrieval with TE buffer pH 9.0; (*) Alternatively, antigen retrieval may be performed with citrate buffer pH 6.0	IHC: human breast cancer tissue,

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)

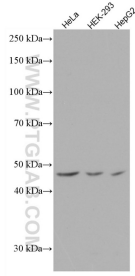
Storage

Storage:
Store at -20°C. Stable for one year after shipment.
Storage Buffer:
PBS with 0.1% sodium azide and 50% glycerol pH 7.3.
Aliquoting is unnecessary for -20°C storage

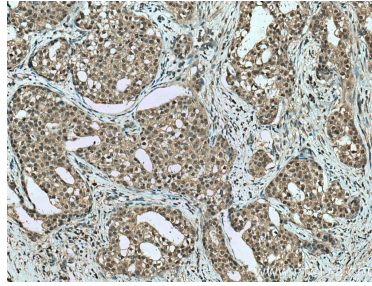
For technical support and original validation data for this product please contact:
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)
E: proteintech@ptglab.com
W: ptglab.com

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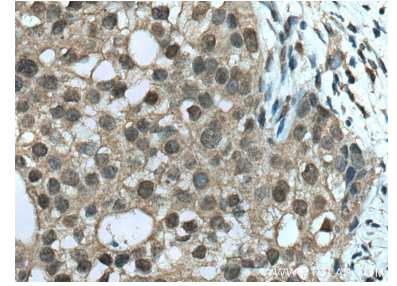
Selected Validation Data



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.



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).



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).