

Datasheet for ABIN7126994 **anti-TARBP2 antibody**



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Overview

Quantity:	100 µg
Target:	TARBP2
Reactivity:	Human
Host:	Mouse
Clonality:	Monoclonal
Conjugate:	This TARBP2 antibody is un-conjugated
Application:	Western Blotting (WB), Immunofluorescence (IF), Flow Cytometry (FACS)

Product Details

Immunogen:	Recombinant full-length human TARBP2 protein
Isotype:	IgG2a
Specificity:	TRBP2, also known as TARBP2 (trans-activation-responsive (HIV-1) RNA binding protein 2), TRBP1 or TRBP, is a nuclear protein that contains three DRBM (double-stranded RNA-binding) domains. TRBP binds between the bulge and the loop of the HIV-1 TAR RNA regulatory element and activates HIV-1 gene expression in synergy with the viral Tat protein. The third DRBM motif in the C-terminus of human TRBP2 can interact with and inhibit PKR activity, thereby increasing HIV-1 long terminal repeat (LTR) expression. In addition, TRBP2 functions as a component of a Dicer-containing complex and associates with the catalytic subunit of the RNA-induced silencing complex (RISC), namely eIF2C2. TRBP2 is essential for Dicer stability and the proper assembly of RISC. This suggests that TRBP2, in association with Dicer, plays an important role in the processing of miRNAs (microRNAs).
Cross-Reactivity (Details):	Human.

Product Details

Purification: 1.0mg/ml of Ab purified from Bioreactor by Protein A/G.

Target Details

Target:	TARBP2
Alternative Name:	TARBP2 (TARBP2 Products)
Background:	LOQS, Prbp, RISC loading complex subunit TARBP2, TAR (HIV 1) RNA binding protein 2, TAR RNA Binding Protein 2, TARBP2 RISC loading complex RNA binding subunit, Trans-activation-responsive RNA-binding protein, TRBP, TRBP1,TRBP2 / TARBP2 Cellular localisation: Cytoplasm. Cytoplasm > perinuclear region. Nucleus.
Molecular Weight:	45kDa
Gene ID:	6895, 326
UniProt:	Q15633
Pathways:	Regulatory RNA Pathways , Ribonucleoprotein Complex Subunit Organization

Application Details

Application Notes:	Known_Application: Flow Cytometry (1-2 µg/million cells), Immunofluorescence (1-2 µg/mL), Western Blot (1-2 µg/mL), ,Optimal dilution for a specific application should be determined. Positive_Control: MCF-7 or HeLa cells.
Restrictions:	For Research Use only

Handling

Concentration:	1.0 mg/mL
Buffer:	Prepared in 10 mM PBS, WITHOUT BSA and Azide.
Preservative:	Azide free
Storage:	-20 °C,-80 °C
Storage Comment:	Antibody without azide - store at -20 to -80 °C. Antibody is stable for 24 months. Non-hazardous.
Expiry Date:	24 months