

Mouse anti-Human TRBP2/TARBP2 Monoclonal Antibody | anti-TARBP2 antibody

TRBP2/TARBP2 Mouse Monoclonal Antibody [Clone PCRP-TARBP2-1E5]

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA215952	Mouse	Human	Western Blot, Immunofluorescence, Flow Cytometry, Functional Assay

PRODUCT SYNONYMS

TRBP2/TARBP2; Monoclonal Antibody; TRBP2/TARBP2 Mouse Monoclonal Antibody [Clone PCRP-TARBP2-1E5]; 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; anti-TARBP2 antibody

PRODUCT SPECIFICATIONS

Host	Mouse
Reactivity	Human
Clonality	Monoclonal
Isotype	Mouse/IgG2a
Clone Number	PCRP-TARBP2-1E5
Form/Format	200ug/ml of Ab purified from Bioreactor Concentrate by Protein A/G. Prepared in 10mM PBS with 0.05% BSA & 0.05% azide. Also available WITHOUT BSA & azide at 1.0mg/ml.
Concentration	Purified Ab with BSA and Azide at 200ug/ml OR Purified Ab WITHOUT BSA and Azide at 1.0mg/ml (varies by lot)
Applicable Applications for anti-TARBP2 antibody	WB (Western Blot), IF (Immunofluorescence), FCM/FACS (Flow Cytometry)
Immunogen	Recombinant full-length human TARBP2 protein
Cellular Localization	Cytoplasm, Cytoplasm > perinuclear region, Nucleus
Positive Control	MCF-7 or HeLa cells.
Hu-chromosome Location	12q13.13
Unigene	326
Preparation and Storage	Antibody with azide: store at 2 to 8 degree C Antibody without azide: store at -20 to -80 degree C Antibody is stable for 24 months. Non-hazardous. No MSDS required.

IMAGES



FCM/FACS (Flow Cytometry)

Flow Cytometric Analysis of PFA-fixed HeLa cells. TRBP2/TARBP2 Mouse Monoclonal Antibody (PCRP-TARBP2-1E5) followed by goat anti-mouse IgG-CF488 (blue); unstained cells (red).

ADDITIONAL INFORMATION

Related Product Information for anti-TARBP2 antibody	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).
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NCBI AND UNIPROT INFORMATION

NCBI GI #	209572714
NCBI GeneID	6895
UniProt Accession #	Q15633; Q12878; Q8WY32; Q8WY33; Q9BRY2
Molecular Weight	366
NCBI Official Full Name	RISC-loading complex subunit TARBP2
NCBI Official Synonym Full Names	TAR (HIV-1) RNA binding protein 2
NCBI Official Symbol	TARBP2
NCBI Official Synonym Symbols	LOQS; TRBP; TRBP1; TRBP2
NCBI Protein Information	RISC-loading complex subunit TARBP2; TAR RNA binding protein 2; TAR RNA-binding protein 2; TAR (HIV) RNA binding protein 2; TAR (HIV) RNA-binding protein 2; TAR (HIV) RNA-binding protein TRBP1; trans-activation responsive RNA-binding protein; trans-activa
UniProt Protein Name	RISC-loading complex subunit TARBP2
UniProt Gene Name	TARBP2
UniProt Entry Name	TRBP2_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com
Online datasheet: <https://stage.aaabiotech.com/monoclonal/trbp2-tarbp2-antibody-clone-pcrp-tarbp2-1e5-western-blot-immunofluorescence-flow-cytometry-elisa/215952>