

Rabbit anti-Human RISC-loading complex subunit TARBP2 Polyclonal Antibody | anti-TARBP2 antibody

Rabbit anti-human RISC-loading complex subunit TARBP2 polyclonal Antibody(TARBP2)

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA119641	Rabbit	Human	Immunohistochemistry, ELISA

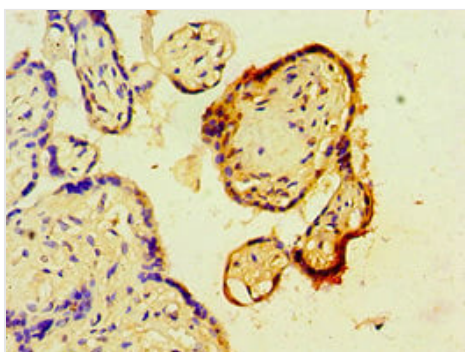
PRODUCT SYNONYMS

RISC-loading complex subunit TARBP2; Polyclonal Antibody; Rabbit anti-human RISC-loading complex subunit TARBP2 polyclonal Antibody(TARBP2); TAR RNA-binding protein 2; Trans-activation-responsive RNA-binding protein; TARBP2; TRBP; anti-TARBP2 antibody

PRODUCT SPECIFICATIONS

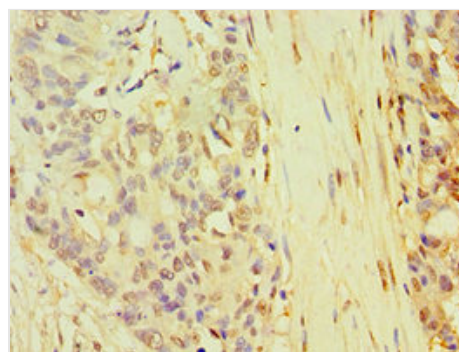
Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	Antigen Affinity Purified
Sequence Length	345
Applicable Applications for anti-TARBP2 antibody	IHC (Immunohistochemistry), ELISA
Storage Buffer	PBS with 0.02% sodium azide, 50% glycerol, pH7.3.
Conjugate	Non-conjugated
Immunogen	Recombinant human RISC-loading complex subunit TARBP2 protein (1-366aa)
Santa Cruz Alternative	Potential replacement for Santa Cruz Biotechnology antibody catalog# sc-27612 / sc-292550 / sc-134110
Preparation and Storage	Shipped at 4 degree C. Upon delivery aliquot and store at -20 degree C or -80 degree C. Avoid repeated freeze.

IMAGES



IHC (Immunohistochemistry)

Immunohistochemistry of paraffin-embedded human placenta using AAA119641 at dilution 1:100



IHC (Immunohistochemistry)

Immunohistochemistry of paraffin-embedded human endometrial cancer using AAA119641 at dilution 1:100

ADDITIONAL INFORMATION

Related Product Information for anti-TARBP2 antibody	Required for formation of the RNA induced silencing complex (RISC). Component of the RISC loading complex (RLC), also known as the micro-RNA (miRNA) loading complex (miRLC), which is composed of DICER1, AGO2 and TARBP2. Within the RLC/miRLC, DICER1 and TARBP2 are required to process precursor miRNAs (pre-miRNAs) to mature miRNAs and then load them onto AGO2. AGO2 bound to the mature miRNA constitutes the minimal RISC and may subsequently dissociate from DICER1 and TARBP2. May also play a role in the production of short interfering RNAs (siRNAs) from double-stranded RNA (dsRNA) by DICER1. Binds to the HIV-1 TAR RNA which is located in the long terminal repeat (LTR) of HIV-1, and stimulates translation of TAR-containing RNAs. This is achieved in part at least by binding to and inhibiting EIF2AK2/PKR, thereby reducing phosphorylation and inhibition of EIF2S1/eIF-2-alpha. May also promote translation of TAR-containing RNAs independently of EIF2AK2/PKR.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	19743838
NCBI GeneID	6895
NCBI Accession #	NP_004169.3
NCBI GenBank Nucleotide #	NM_004178.4
UniProt Accession #	Q15633; Q12878; Q8WY32; Q8WY33; Q9BRY2
Molecular Weight	36,916 Da
NCBI Official Full Name	RISC-loading complex subunit TARBP2 isoform b
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
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.

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Online datasheet: <https://stage.aaabiotech.com/polyclonal/risc-loading-complex-subunit-tarbp2-antibody-immunohistochemistry-elisa/119641>