

Datasheet for ABIN7168268  
**anti-TARBP2 antibody (AA 1-366)**[Go to Product page](#)

## 2 Images

## Overview

Quantity:	100 µL
Target:	TARBP2
Binding Specificity:	AA 1-366
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This TARBP2 antibody is un-conjugated
Application:	Immunohistochemistry (IHC), ELISA

## Product Details

Immunogen:	Recombinant Human RISC-loading complex subunit TARBP2 protein (1-366AA)
Isotype:	IgG
Cross-Reactivity:	Human
Purification:	Antigen Affinity Purified

## Target Details

Target:	TARBP2
Alternative Name:	TARBP2 ( <a href="#">TARBP2 Products</a> )
Background:	Background: 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

## Target Details

(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. Aliases: LOQS antibody, Prbp antibody, RISC loading complex subunit TARBP2 antibody, RISC-loading complex subunit tarbp2 antibody, TAR (HIV 1) RNA binding protein 2 antibody, TAR (HIV) RNA binding protein 2 antibody, TAR (HIV) RNA-binding protein TRBP1 antibody, TAR RNA Binding Protein 2 antibody, TAR RNA-binding protein 2 antibody, tarbp2 antibody, TARBP2 RISC loading complex RNA binding subunit antibody, Trans-activation-responsive RNA-binding protein antibody, TRBP antibody, TRBP1 antibody, TRBP2 antibody, TRBP2\_HUMAN antibody

UniProt: [Q15633](#)

Pathways: [Regulatory RNA Pathways](#), [Ribonucleoprotein Complex Subunit Organization](#)

## Application Details

Application Notes: Recommended dilution: IHC:1:20-1:200,

Restrictions: For Research Use only

## Handling

Format: Liquid

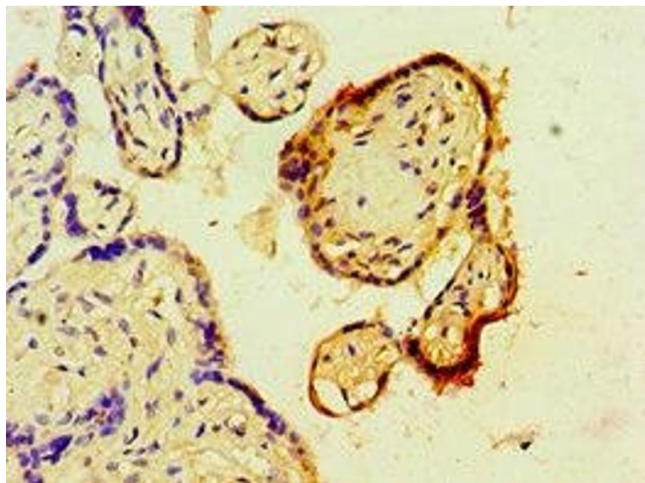
Buffer: PBS with 0.02 % sodium azide, 50 % glycerol, pH 7.3.

Preservative: Sodium azide

Precaution of Use: This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

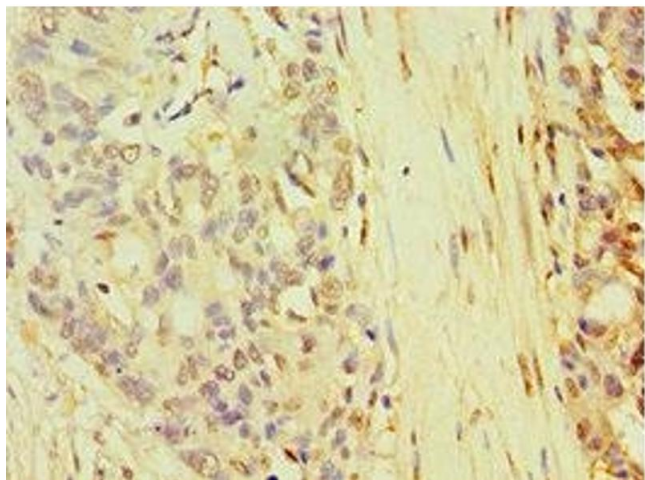
Storage: -20 °C,-80 °C

Storage Comment: Upon receipt, store at -20°C or -80°C. Avoid repeated freeze.



#### Immunohistochemistry

**Image 1.** Immunohistochemistry of paraffin-embedded human placenta tissue using ABIN7168268 at dilution of 1:100



#### Immunohistochemistry

**Image 2.** Immunohistochemistry of paraffin-embedded human endometrial cancer using ABIN7168268 at dilution of 1:100