

**TARBP2 Rabbit mAb**  
**Catalog # AP76198**

## Specification

## TARBP2 Rabbit mAb - Product Information

|                   |                           |
|-------------------|---------------------------|
| Application       | WB, IHC-P, IHC-F, IP, ICC |
| Primary Accession | <a href="#">Q15633</a>    |
| Reactivity        | Human, Mouse, Rat         |
| Host              | Rabbit                    |
| Clonality         | Monoclonal Antibody       |
| Calculated MW     | 39039                     |

## TARBP2 Rabbit mAb - Additional Information

**Gene ID 6895**

## Other Names

TARBP2

## Dilution

WB ~ 1/500-1/1000

IHC-P~~N/A

IHC-F~~N/A

IP ~ ~ N/A

ICC ~ ~ N/A

## Format

Liquid

## TARBP2 Rabbit mAb - Protein Information

**Name** TARBP2 {ECO:0000255|HAMAP-Rule:MF\_03034}

### Synonyms TRBP

## Function

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 (By similarity) (PubMed:<a href="http://www.uniprot.org/citations/15973356" target="\_blank">15973356</a>, PubMed:<a href="http://www.uniprot.org/citations/16142218" target="\_blank">16142218</a>, PubMed:<a href="http://www.uniprot.org/citations/16271387" target="\_blank">16271387</a>, PubMed:<a href="http://www.uniprot.org/citations/16357216" target="\_blank">16357216</a>, PubMed:<a href="http://www.uniprot.org/citations/16424907" target="\_blank">16424907</a>, PubMed:<a

[17452327](http://www.uniprot.org/citations/17452327), PubMed: [18178619](http://www.uniprot.org/citations/18178619)). Binds in vitro to the PRM1 3'-UTR (By similarity). Seems to act as a repressor of translation (By similarity). For some pre-miRNA substrates, may also alter the choice of cleavage site by DICER1 (PubMed: [23063653](http://www.uniprot.org/citations/23063653)). Negatively regulates IRF7-mediated IFN-beta signaling triggered by viral infection by inhibiting the phosphorylation of IRF7 and promoting its 'Lys'-48- linked ubiquitination and degradation (PubMed: [30927622](http://www.uniprot.org/citations/30927622)).

#### Cellular Location

Cytoplasm. Cytoplasm, perinuclear region. Nucleus

#### TARBP2 Rabbit mAb - Protocols

Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

#### TARBP2 Rabbit mAb - Images



