

## Product datasheet for **AM31926PU-N**

### TRBP (TARBP2) Mouse Monoclonal Antibody [Clone ID: 2G10]

#### Product data:

Product Type:	Primary Antibodies
Clone Name:	2G10
Applications:	ELISA, IHC, WB
Recommended Dilution:	<b>ELISA.</b> <b>Immunohistochemistry on Paraffin Sections:</b> 5 µg/ml. <b>Western Blot.</b>
Reactivity:	Human
Host:	Mouse
Isotype:	IgG1
Clonality:	Monoclonal
Immunogen:	Recombinant protein
Specificity:	This antibody recognizes Human TARBP2.
Formulation:	PBS, pH 7.2 State: Purified State: Liquid purified Ig fraction
Purification:	Protein A Chromatography
Conjugation:	Unconjugated
Storage:	Store the antibody undiluted at 2-8°C for one month or (in aliquots) at -20°C for longer. Avoid repeated freezing and thawing.
Stability:	Shelf life: one year from despatch.
Gene Name:	TARBP2, RISC loading complex RNA binding subunit
Database Link:	<a href="#">Entrez Gene 6895 Human</a> <a href="#">Q15633</a>



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**Background:**

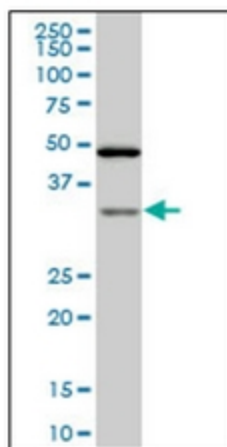
TRBP belongs to the family of dsRNA-binding proteins. It consists of highly conserved 2 dsRNA-binding domains and C-terminal basic region. It is a unique cellular protein capable of binding to HIV-TAR RNA and stimulates expression of HIV-1 long terminal repeats. It also inhibits the host antiviral and anti-proliferative mechanisms by directly binding to IFN-regulated dsRNA-dependent protein kinase (PKR). TRBP associates with Ago2 protein and forms an integral component of Dicer-containing complex. It has a role in micro RNA processing and in RISC assembly. Other functions of TRBP include promoting cellular growth and tumorigenesis.

**Synonyms:**

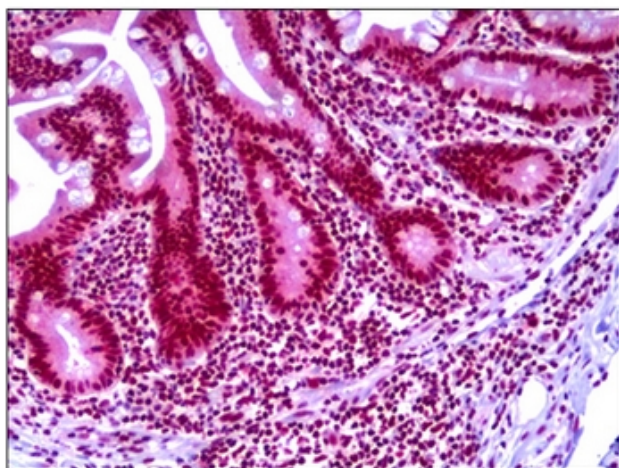
TRBP, TRBP2

**Protein Families:**

Stem cell - Pluripotency

**Product images:**

Western Blot analysis of TARBP2 expression in HeLa nuclear extract using TARBP2 monoclonal antibody, clone 2G10.



Human Small Intestine: Formalin-Fixed, Paraffin-Embedded (FFPE)