

**TRIM71 Antibody**  
**Purified Rabbit Polyclonal Antibody**  
**Catalog # ABV11521****Specification**

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**TRIM71 Antibody - Product Information**

Application	WB
Primary Accession	<a href="#">Q2Q1W2</a>
Reactivity	Human, Mouse, Rat
Host	Rabbit
Clonality	Polyclonal
Isotype	Rabbit IgG
Calculated MW	93385

**TRIM71 Antibody - Additional Information****Gene ID** 131405**Other Names**

Protein lin-41 homolog

**Target/Specificity**

TRIM71

**Formulation**

100 µg (0.5 mg/ml) affinity purified rabbit anti-TRIM71 polyclonal antibody in phosphate buffered saline (PBS), pH 7.2, containing 30% glycerol, 0.5% BSA, 5 mM EDTA and 0.01% thimerosal.

**Handling**

The antibody solution should be gently mixed before use.

**Background Descriptions****Precautions**

TRIM71 Antibody is for research use only and not for use in diagnostic or therapeutic procedures.

**TRIM71 Antibody - Protein Information****Name** TRIM71 ([HGNC:32669](#))**Synonyms** LIN41**Function**

E3 ubiquitin-protein ligase that cooperates with the microRNAs (miRNAs) machinery and promotes embryonic stem cells proliferation and maintenance (Probable). Binds to miRNAs and associates with AGO2, participating in post-transcriptional repression of transcripts such as CDKN1A (By similarity). In addition, participates in post-transcriptional mRNA repression in a miRNA

independent mechanism (PubMed:<a href="http://www.uniprot.org/citations/23125361" target="\_blank">23125361</a>). Facilitates the G1-S transition to promote rapid embryonic stem cell self-renewal by repressing CDKN1A expression. Required to maintain proliferation and prevent premature differentiation of neural progenitor cells during early neural development: positively regulates FGF signaling by controlling the stability of SHCBP1 (By similarity). Specific regulator of miRNA biogenesis. Binds to miRNA MIR29A hairpin and postranscriptionally modulates MIR29A levels, which indirectly regulates TET proteins expression (PubMed:<a href="http://www.uniprot.org/citations/28431233" target="\_blank">28431233</a>).

**Cellular Location**

Cytoplasm, P-body

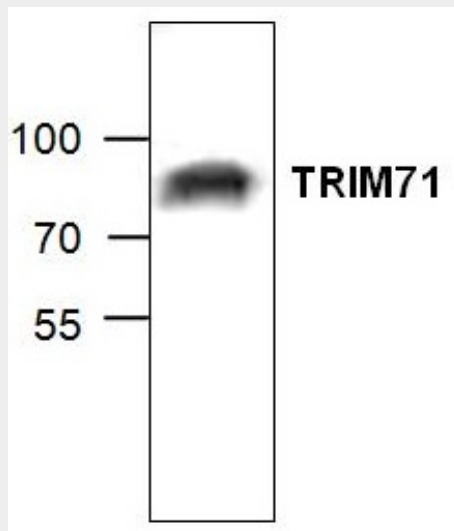
**Tissue Location**

Specifically expressed in testis.

**TRIM71 Antibody - 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](#)

**TRIM71 Antibody - Images**

Western blot analysis of TRIM71 using Jurkat cell lysate.

**TRIM71 Antibody - Background**

TRIM71 is similar to the C.elegans homolog protein Lin41. TRIM71 is a target of the microRNA let-7 and is likely to play a role in mammalian development. From recent research, TRIM71 has been indicated as a ubiquitin ligase that can interact with Dicer and Argonaut proteins Ago1, Ago2 and

Ago4.