

## Anti-TRIM71 Antibody

Catalog Number: A08005

### About TRIM71

TRIM71 is the mammalian ortholog to the *C. elegans* heterochronic protein Lin41, a protein that is thought to be important in postembryonic development, and is genetically and biochemically downstream of both Shh and Fgf signaling pathways. Similar to its *C. elegans* homolog, TRIM71 is a target of the microRNA let-7 and is likely to play a role in mammalian development. Recent experiments have indicated that TRIM71 is an E3 ubiquitin ligase and can interact with the Dicer and the Argonaute proteins Ago1, Ago2, and Ago4. Overexpression and depletion of TRIM71 led to inverse changes in Ago2 protein levels, suggesting TRIM71 can regulate Ago2 turnover. Finally, TRIM71 cooperates with the pluripotency factor Lin-28 in regulating let-7.

### Overview

Product Name	Anti-TRIM71 Antibody
Reactive Species	Human, Mouse, Rat
Description	Boster Bio Anti-TRIM71 Antibody (Catalog # A08005). Tested in ELISA, WB, IHC-P, IF applications. This antibody reacts with Human, Mouse, Rat.
Application	ELISA, IF, IHC-P, WB
Clonality	Polyclonal
Formulation	TRIM71 Antibody is supplied in PBS containing 0.02% sodium azide.
Storage Instructions	Antibody can be stored at 4°C up to one year. Antibodies should not be exposed to prolonged high temperatures.
Host	Rabbit
Uniprot ID	Q2Q1W2

### Technical Details

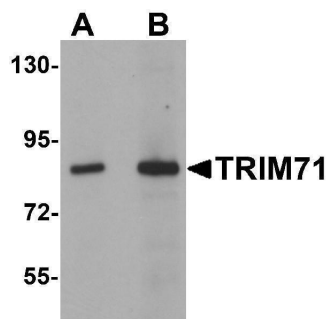
Immunogen	TRIM71 antibody was raised against a 15 amino acid synthetic peptide near the carboxy terminus of human TRIM71. The immunogen is located within amino acids 680 - 730 of TRIM71.
Predicted Reactive Species	Bovine, Chicken
Isotype	IgG
Form	Liquid
Concentration	1 mg/mL
Purification	TRIM71 Antibody is affinity chromatography purified via peptide column.

Suggested Dilutions

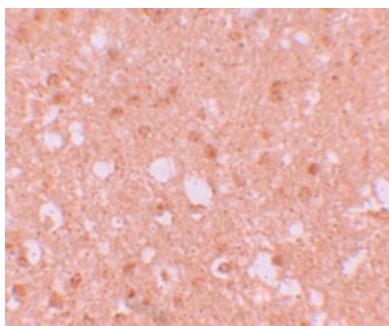
TRIM71 antibody can be used for detection of TRIM71 by Western blot at 1 - 2 ug/mL. Antibody can also be used for immunohistochemistry starting at 5 ug/mL. For immunofluorescence start at 20 ug/mL.

Antibody validated: Western Blot in human samples; Immunohistochemistry in human samples and Immunofluorescence in human samples. All other applications and species not yet tested. Optimal dilutions for each application should be determined by the researcher.

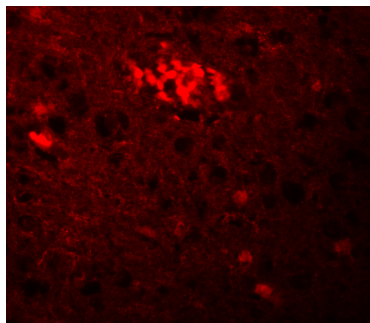
## Anti-TRIM71 Antibody (A08005) Images



Western blot analysis of TRIM71 in human brain tissue lysate with TRIM71 antibody at (A) 1 and (B) 2 ug/mL.



Immunohistochemistry of TRIM71 in human brain tissue with TRIM71 antibody at 5 ug/mL.



Immunofluorescence of TRIM71 in Human Brain cells with TRIM71 antibody at 20 ug/mL.

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Anti-TRIM71 Antibody

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