

ARG54665 anti-TRIM71 antibody

Package: 50 µg
Store at: -20°C

Summary

Product Description	Rabbit Polyclonal antibody recognizes TRIM71
Tested Reactivity	Hu, Ms, Rat
Tested Application	ELISA, ICC/IF, IHC-P, WB
Host	Rabbit
Clonality	Polyclonal
Isotype	IgG
Target Name	TRIM71
Immunogen	Synthetic peptide (15 aa) within aa. 680-730 of Human TRIM71.
Conjugation	Un-conjugated
Alternate Names	EC 6.3.2.-; Tripartite motif-containing protein 71; Protein lin-41 homolog; LIN-41; LIN41; E3 ubiquitin-protein ligase TRIM71

Application Instructions

Application table	Application	Dilution
	ELISA	Assay-Dependent
	ICC/IF	20 µg/mL
	IHC-P	Assay-Dependent
	WB	1 - 2 µg/mL
Application Note	* The dilutions indicate recommended starting dilutions and the optimal dilutions or concentrations should be determined by the scientist.	
Positive Control	Human Brain Tissue Lysate	

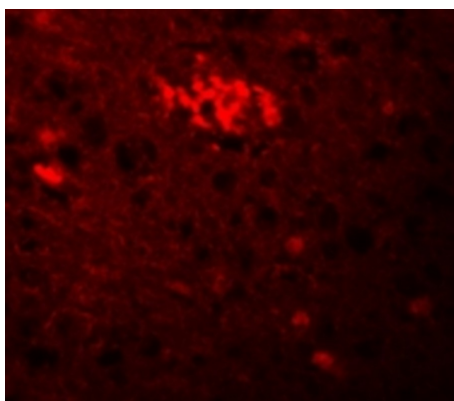
Properties

Form	Liquid
Purification	Affinity purification with immunogen.
Buffer	PBS and 0.02% Sodium azide
Preservative	0.02% Sodium azide
Concentration	1 mg/ml
Storage instruction	For continuous use, store undiluted antibody at 2-8°C for up to a week. For long-term storage, aliquot and store at -20°C or below. Storage in frost free freezers is not recommended. Avoid repeated freeze/thaw cycles. Suggest spin the vial prior to opening. The antibody solution should be gently mixed before use.

Bioinformation

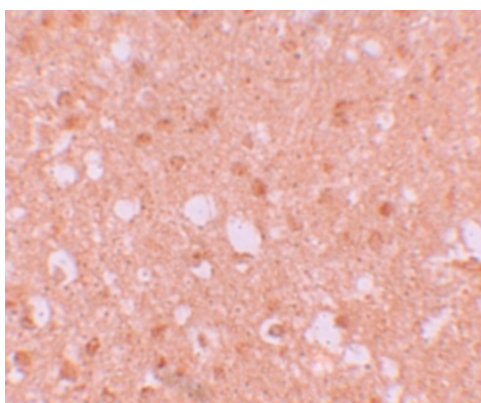
Gene Symbol	TRIM71
Gene Full Name	tripartite motif containing 71, E3 ubiquitin protein ligase
Background	TRIM71 Antibody: TRIM71 is the mammalian ortholog to the <i>C. elegans</i> heterochronic protein Lin41, a protein that is thought to be important in postembryonic development, and is genetically and biochemically downstream of both Shh and Fgf signaling pathways. Similar to its <i>C. elegans</i> 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.
Research Area	Cell Biology and Cellular Response antibody; Developmental Biology antibody; Gene Regulation antibody
Calculated Mw	93 kDa
PTM	Autoubiquitinated.

Images



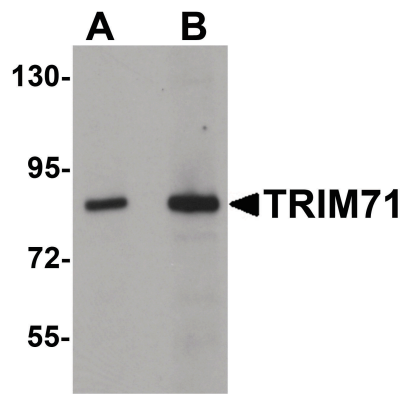
ARG54665 anti-TRIM71 antibody ICC/IF image

Immunofluorescence: human brain cells stained with ARG54665 anti-TRIM71 antibody at 20 µg/ml.



ARG54665 anti-TRIM71 antibody IHC image

Immunohistochemistry: human brain tissue stained with ARG54665 anti-TRIM71 antibody at 5 µg/ml.



ARG54665 anti-TRIM71 antibody WB image

Western blot: human brain tissue lysate stained with ARG54665 anti-TRIM71 antibody at (A) 1 and (B) 2 $\mu\text{g}/\text{ml}$.