

ARG65217 anti-TRIM71 antibody

Package: 100 µg
Store at: -20°C

Summary

Product Description	Goat Polyclonal antibody recognizes TRIM71
Tested Reactivity	Hu, Ms
Predict Reactivity	Cow, Rat, Dog
Tested Application	IHC-P, WB
Host	Goat
Clonality	Polyclonal
Isotype	IgG
Target Name	TRIM71
Species	Human
Immunogen	C-RQVKAKSLYLQVE
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
	IHC-P	3 - 5 µg/ml
	WB	0.3 - 1 µg/ml
Application Note	WB: Recommend incubate at RT for 1h. IHC-P: Antigen Retrieval: Steam tissue section in Citrate buffer (pH 6.0). * The dilutions indicate recommended starting dilutions and the optimal dilutions or concentrations should be determined by the scientist.	

Properties

Form	Liquid
Purification	Purified from goat serum by antigen affinity chromatography.
Buffer	Tris saline (pH 7.3), 0.02% Sodium azide and 0.5% BSA.
Preservative	0.02% Sodium azide
Stabilizer	0.5% BSA
Concentration	0.5 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.

Note

For laboratory research only, not for drug, diagnostic or other use.

Bioinformation

Database links

[GeneID: 131405 Human](#)

[GeneID: 636931 Mouse](#)

[Swiss-port # Q1PSW8 Mouse](#)

[Swiss-port # Q2Q1W2 Human](#)

Gene Symbol

TRIM71

Gene Full Name

tripartite motif containing 71, E3 ubiquitin protein ligase

Function

E3 ubiquitin-protein ligase that cooperates with the microRNAs (miRNAs) machinery and promotes embryonic stem cells proliferation and maintenance. Binds to miRNAs and associates with AGO2, participating in post-transcriptional repression of transcripts such as CDKN1A. 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). [UniProt]

Research Area

Cell Biology and Cellular Response antibody; Developmental Biology antibody; Gene Regulation antibody

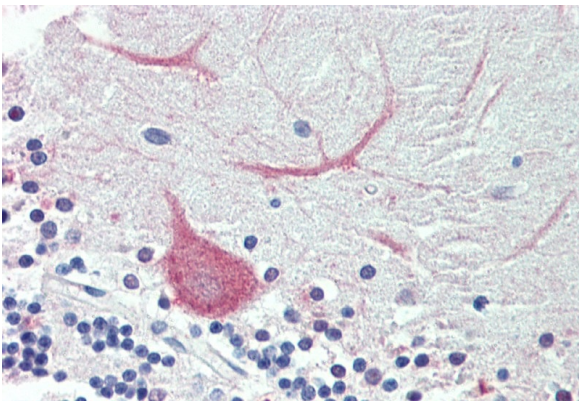
Calculated Mw

93 kDa

PTM

Autoubiquitinated.

Images



ARG65217 anti-TRIM71 antibody IHC-P image

Immunohistochemistry: Paraffin-embedded Human cerebellum tissue. Antigen Retrieval: Steam tissue section in Citrate buffer (pH 6.0). The tissue section was stained with ARG65217 anti-TRIM71 antibody at 3.75 µg/ml dilution followed by AP-staining.



ARG65217 anti-TRIM71 antibody WB image

Western blot: 35 µg of HEK293 (A) and NIH/3T3 (B) cell lysates (in RIPA buffer) stained with ARG65217 anti-TRIM71 antibody at 0.3 µg/ml dilution and incubated at RT for 1 hour.