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Datasheet for ABIN783687

anti-TRIM71 antibody (C-Term)

1 Image

Overview

Quantity:	0.1 mg
Target:	TRIM71
Binding Specificity:	C-Term
Reactivity:	Human, Mouse, Rat
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This TRIM71 antibody is un-conjugated
Application:	Western Blotting (WB), Enzyme Immunoassay (EIA)

Product Details

Immunogen:	15 amino acid peptide near the carboxy terminus of human TRIM71
Specificity:	This antibody detects TRIM71 at C-term.
Cross-Reactivity (Details):	Species reactivity (tested):Human, mouse, rat
Purification:	Affinity chromatography purified via peptide column

Target Details

Target:	TRIM71
Alternative Name:	TRIM71 (TRIM71 Products)
Background:	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

Target Details

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. Synonyms: LIN41, Protein lin-41 homolog, Tripartite motif-containing protein 71

Gene ID: 131405

NCBI Accession: [NP_001034200](#)

UniProt: [Q2Q1W2](#)

Pathways: [Tube Formation](#)

Application Details

Application Notes: Optimal working dilution should be determined by the investigator.

Restrictions: For Research Use only

Handling

Buffer: PBS containing 0.02 % sodium azide

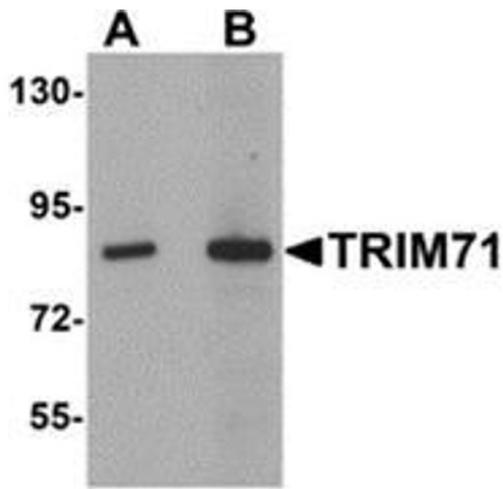
Preservative: Sodium azide

Precaution of Use: This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Handling Advice: Avoid repeated freezing and thawing.

Storage: 4 °C/-20 °C

Storage Comment: Store at 2 - 8 °C for up to three months or (in aliquots) at -20 °C for longer.



Western Blotting

Image 1. Western blot analysis of TRIM71 in human brain tissue lysate with TRIM71 antibody at (A) 1 and (B) 2 μ g/ml.