

TRIM35 Antibody (C-term)
Affinity Purified Rabbit Polyclonal Antibody (Pab)
Catalog # AP18985b

Specification

TRIM35 Antibody (C-term) - Product Information

Application	WB,E
Primary Accession	O9UPQ4
Other Accession	NP_741983.2
Reactivity	Human
Host	Rabbit
Clonality	Polyclonal
Isotype	Rabbit IgG
Calculated MW	56540
Antigen Region	434-463

TRIM35 Antibody (C-term) - Additional Information

Gene ID 23087

Other Names

Tripartite motif-containing protein 35, Hemopoietic lineage switch protein 5, TRIM35, HLS5, KIAA1098

Target/Specificity

This TRIM35 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 434-463 amino acids from the C-terminal region of human TRIM35.

Dilution

WB~~1:1000

Format

Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is purified through a protein A column, followed by peptide affinity purification.

Storage

Maintain refrigerated at 2-8°C for up to 2 weeks. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles.

Precautions

TRIM35 Antibody (C-term) is for research use only and not for use in diagnostic or therapeutic procedures.

TRIM35 Antibody (C-term) - Protein Information

Name TRIM35

Synonyms HLS5, KIAA1098

Function E3 ubiquitin-protein ligase that participates in multiple biological processes including cell death, glucose metabolism, and in particular, the innate immune response. Mediates 'Lys-63'-linked polyubiquitination of TRAF3 thereby promoting type I interferon production via RIG-I signaling pathway (PubMed:[32562145](#)). Can also catalyze 'Lys-48'-linked polyubiquitination and proteasomal degradation of viral proteins such as influenza virus PB2 (PubMed:[32562145](#)). Acts as a negative feedback regulator of TLR7- and TLR9-triggered signaling. Mechanistically, promotes the 'Lys-48'-linked ubiquitination of IRF7 and induces its degradation via a proteasome-dependent pathway (PubMed:[25907537](#)). Reduces FGFR1-dependent tyrosine phosphorylation of PKM, inhibiting PKM-dependent lactate production, glucose metabolism, and cell growth (PubMed:[25263439](#)).

Cellular Location

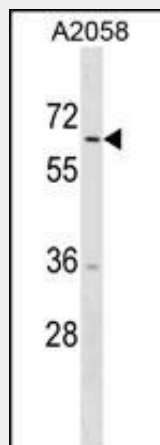
Cytoplasm. Nucleus. Note=Found predominantly in cytoplasm with a granular distribution. Found in punctuate nuclear bodies (By similarity)

TRIM35 Antibody (C-term) - 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](#)

TRIM35 Antibody (C-term) - Images



TRIM35 Antibody (C-term) (Cat. #AP18985b) western blot analysis in A2058 cell line lysates (35ug/lane). This demonstrates the TRIM35 antibody detected the TRIM35 protein (arrow).

TRIM35 Antibody (C-term) - Background

The protein encoded by this gene is a member of the tripartite motif (TRIM) family. The TRIM motif includes three zinc-binding domains, a RING, a B-box type 1 and a B-box type 2, and a coiled-coil region. The function of this protein has not been identified.

TRIM35 Antibody (C-term) - References

Lalonde, J.P., et al. J. Biol. Chem. 279(9):8181-8189(2004)
Kimura, F., et al. J. Biol. Chem. 278(27):25046-25054(2003)
Reymond, A., et al. EMBO J. 20(9):2140-2151(2001)