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TRIM35 antibody - C-terminal region
Rabbit Polyclonal Antibody
Catalog # AI11503

Specification

TRIM35 antibody - C-terminal region - Product Information

Application	**WB**
Primary Accession	Q9UPQ4
Other Accession	NM_015066, NP_055881
Reactivity	**Human, Mouse, Rat, Rabbit, Pig, Horse, Yeast, Bovine, Dog**
Predicted	**Mouse, Rat, Rabbit, Pig, Chicken, Dog**
Host	**Rabbit**
Clonality	**Polyclonal**
Calculated MW	**57kDa KDa**

TRIM35 antibody - C-terminal region - Additional Information

Gene ID 23087

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

Format
Liquid. Purified antibody supplied in 1x PBS buffer with 0.09% (w/v) sodium azide and 2% sucrose.

Reconstitution & Storage
Add 100 ul of distilled water. Final anti-TRIM35 antibody concentration is 1 mg/ml in PBS buffer with 2% sucrose. For longer periods of storage, store at 20°C. Avoid repeat freeze-thaw cycles.

Precautions
TRIM35 antibody - C-terminal region is for research use only and not for use in diagnostic or therapeutic procedures.

TRIM35 antibody - C-terminal region - 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:<a

href="http://www.uniprot.org/citations/32562145" target="_blank">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).

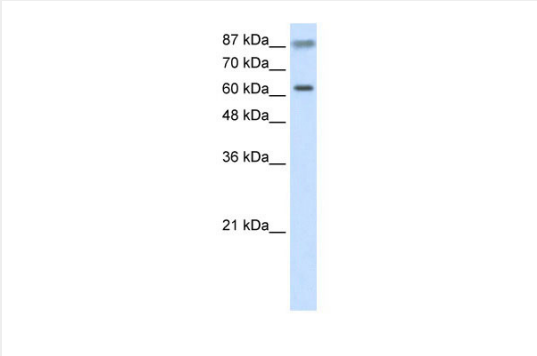
Cellular Location
Cytoplasm. Nucleus. Note=Found predominantly in cytoplasm with a granular distribution. Found in punctuate nuclear bodies (By similarity)

TRIM35 antibody - C-terminal region - Protocols

Provided below are standard protocols that you may find useful for product applications.

- Western Blot
- Blocking Peptides
- Dot Blot
- Immunohistochemistry
- Immunofluorescence
- Immunoprecipitation
- Flow Cytomety
- Cell Culture

TRIM35 antibody - C-terminal region - Images



WB Suggested Anti-TRIM35 Antibody Titration: 2.5µg/ml
Positive Control: HepG2 cell lysate

TRIM35 antibody - C-terminal region - References

Lalonde,J.P., (2004) J. Biol. Chem. 279 (9), 8181-8189Reconstitution and Storage:For short term use, store at 2-8C up to 1 week. For long term storage, store at -20C in small aliquots to prevent freeze-thaw cycles.