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TRIM35 antibody - C-terminal region

Rabbit Polyclonal Antibody
Catalog # AI11503

Product Information

Application	WB
Primary Accession	Q9UPQ4
Other Accession	NM_015066, NP_055881
Reactivity	Human, Mouse, Rat, Rabbit, Pig, Dog, Horse, Bovine, Yeast
Predicted	Mouse, Rat, Rabbit, Pig, Chicken, Dog
Host	Rabbit
Clonality	Polyclonal
Calculated MW	56540

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.

Protein Information

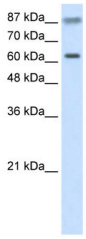
Name	TRIM35
Synonyms	HLS5, KIAA1098
Function	E3 ubiquitin-protein ligase that participates in multiple biological processes including cell death, glucose metabolism, and in particular, the innate immune response. Mediates 'Lys-63'-linked polyubiquitination of TRAF3 thereby promoting type I interferon 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)

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.

Images



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

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.