

**TRIM35 Antibody (C-term) Blocking Peptide**  
**Synthetic peptide**  
**Catalog # BP18985b****Specification**

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**TRIM35 Antibody (C-term) Blocking Peptide - Product Information**Primary Accession [Q9UPQ4](#)**TRIM35 Antibody (C-term) Blocking Peptide - Additional Information****Gene ID** 23087**Other Names**

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

**Format**

Peptides are lyophilized in a solid powder format. Peptides can be reconstituted in solution using the appropriate buffer as needed.

**Storage**

Maintain refrigerated at 2-8°C for up to 6 months. For long term storage store at -20°C.

**Precautions**

This product is for research use only. Not for use in diagnostic or therapeutic procedures.

**TRIM35 Antibody (C-term) Blocking Peptide - 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:<a href="http://www.uniprot.org/citations/32562145" target="\_blank">32562145</a>). 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</a>). 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:<a href="http://www.uniprot.org/citations/25907537" target="\_blank">25907537</a>). Reduces FGFR1-dependent tyrosine phosphorylation of PKM, inhibiting PKM-dependent lactate production, glucose metabolism, and cell growth (PubMed:<a href="http://www.uniprot.org/citations/25263439" target="\_blank">25263439</a>).

**Cellular Location**

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

### **TRIM35 Antibody (C-term) Blocking Peptide - Protocols**

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

- [Blocking Peptides](#)

### **TRIM35 Antibody (C-term) Blocking Peptide - Images**

### **TRIM35 Antibody (C-term) Blocking Peptide - 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) Blocking Peptide - 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)