10320 Camino Santa Fe, Suite G
San Diego, CA 92121
Tel: 858.875.1900 Fax: 858.875.1999

TRIM35 / MAIR Antibody (N-Term)

Peptide-affinity purified goat antibody
Catalog # AF2331a

Specification

TRIM35 / MAIR Antibody (N-Term) - Product Information

Application	**WB, E**
Primary Accession	Q9UPQ4
Other Accession	NP_741983.2, 23087
Reactivity	**Human**
Host	**Goat**
Clonality	**Polyclonal**
Concentration	**0.5 mg/ml**
Isotype	**IgG**
Calculated MW	**56540**

TRIM35 / MAIR Antibody (N-Term) - Additional Information

Gene ID 23087

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

Dilution
WB~~1:1000
E~~N/A

Format
0.5 mg/ml in Tris saline, 0.02% sodium azide, pH7.3 with 0.5% bovine serum albumin

Storage
Maintain refrigerated at 2-8°C for up to 6 months. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles.

Precautions
TRIM35 / MAIR Antibody (N-Term) is for research use only and not for use in diagnostic or therapeutic procedures.

TRIM35 / MAIR Antibody (N-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).

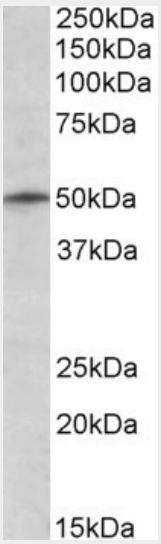
Cellular Location
Cytoplasm. Nucleus. Note=Found predominantly in cytoplasm with a granular distribution. Found in punctuate nuclear bodies (By similarity)

TRIM35 / MAIR Antibody (N-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 Cytomety
- Cell Culture

TRIM35 / MAIR Antibody (N-Term) - Images



AF2331a (1 µg/ml) staining of K562 lysate (35 µg protein in RIPA buffer). Primary incubation was 1 hour. Detected by chemiluminescence.

TRIM35 / MAIR Antibody (N-Term) - References

Cloning and characterization of a novel RING-B-box-coiled-coil protein with apoptotic function. Kimura F, Suzu S, Nakamura Y, Nakata Y, Yamada M, Kuwada N, Matsumura T, Yamashita T, Ikeda T, Sato K, Motoyoshi K. J Biol Chem. 2003 Jul 4;278(27):25046-54. PMID: 12692137