

TRIM35 Polyclonal Antibody

Purified Rabbit Polyclonal Antibody (Pab) Catalog # AP59160

Specification

TRIM35 Polyclonal Antibody - Product Information

Application IHC-P, IHC-F, IF, E

Primary Accession <u>O9UPO4</u>

Reactivity Rat, Pig, Dog, Bovine

Host Rabbit
Clonality Polyclonal
Calculated MW 57 KDa
Physical State Liquid

Immunogen KLH conjugated synthetic peptide derived

from human TRIM35

Epitope Specificity 9-100/492

Isotype IgG

affinity purified by Protein A

Buffer 0.01M TBS (pH7.4) with 1% BSA, 0.02%

Proclin300 and 50% Glycerol.

SUBCELLULAR LOCATION Cytoplasm. Nucleus. Found predominantly

in cytoplasm with a granular distribution.

Found in punctuate nuclear bodies.

SIMILARITY Belongs to the TRIM/RBCC family. Contains

1 B box-type zinc finger. Contains 1

B30.2/SPRY domain. Contains 1 RING-type

zinc finger.

Important Note This product as supplied is intended for

research use only, not for use in human, therapeutic or diagnostic applications.

Background Descriptions

TRIM35 is a member of the tripartite motif (TRIM) family. The TRIM motif includes three zinc-binding domains, a RING, a B-box type 1, a B-box type 2 and a coiled-coil region. TRIM35 may play a role as a tumor suppressor and is implicated in the cell death mechanism. There are two named isoforms.

TRIM35 Polyclonal Antibody - Additional Information

Gene ID 23087

Other Names

E3 ubiquitin-protein ligase TRIM35, 2.3.2.27, Hemopoietic lineage switch protein 5, TRIM35, HLS5, KIAA1098

Dilution

IHC-P \sim N/A<br \><span class
="dilution_IHC-F">IHC-F \sim N/A<br \><span class</pre>



Tel: 858.875.1900 Fax: 858.875.1999

="dilution IF">IF \sim 1:50 \sim 200
span class ="dilution E">E \sim N/A

Storage

Store at -20 °C for one year. Avoid repeated freeze/thaw cycles. When reconstituted in sterile pH 7.4 0.01M PBS or diluent of antibody the antibody is stable for at least two weeks at 2-4 °C.

TRIM35 Polyclonal Antibody - 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 Polyclonal Antibody - Protocols

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

- Western Blot
- Blocking Peptides
- Dot Blot
- Immunohistochemistry
- Immunofluorescence
- <u>Immunoprecipitation</u>
- Flow Cytomety
- Cell Culture

TRIM35 Polyclonal Antibody - Images