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

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	Q9UPQ4
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**

Purity
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~~N/A<br \>IHC-F~~N/A<br \><span class

="dilution_IF">IF~~1:50~200<br \>E~~N/A

Format
0.01M TBS(pH7.4), 0.09% (W/V) sodium azide and 50% Glyce

Storage
Store at -20 ℃ 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 ℃.

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
- Immunoprecipitation
- Flow Cytomety
- Cell Culture

TRIM35 Polyclonal Antibody - Images