

TRIM69 / Trif Antibody (C-Terminus)
Goat Polyclonal Antibody
Catalog # ALS14555**Specification**

TRIM69 / Trif Antibody (C-Terminus) - Product Information

Application	IHC
Primary Accession	Q86WT6
Reactivity	Human, Rabbit, Monkey, Bovine
Host	Goat
Clonality	Polyclonal
Calculated MW	57kDa KDa

TRIM69 / Trif Antibody (C-Terminus) - Additional Information**Gene ID** 140691**Other Names**

E3 ubiquitin-protein ligase TRIM69, 6.3.2.-, RFP-like domain-containing protein trimless, RING finger protein 36, Tripartite motif-containing protein 69, TRIM69, RNF36

Target/Specificity

Human TRIM69 / RNF36. This antibody is expected to recognize both reported isoforms (NP_892030.3; NP_542783.2).

Reconstitution & Storage

Store at -20°C. Minimize freezing and thawing.

Precautions

TRIM69 / Trif Antibody (C-Terminus) is for research use only and not for use in diagnostic or therapeutic procedures.

TRIM69 / Trif Antibody (C-Terminus) - Protein Information**Name** TRIM69**Synonyms** RNF36**Function**

E3 ubiquitin ligase that plays an important role in antiviral immunity by restricting different viral infections including dengue virus or vesicular stomatitis indiana virus (PubMed:23131556, PubMed:30142214, PubMed:31375575, PubMed:31578292). Ubiquitinates viral proteins such as dengue virus NS3 thereby limiting infection (PubMed:30844644). In addition, acts as a key mediator of type I interferon induced microtubule stabilization by directly associating

to microtubules independently of its E3 ligase activity (PubMed:36251989). Plays also a role in cataract formation together with TP53 (PubMed:30844644). Mechanistically, inhibits UVB-induced cell apoptosis and reactive oxygen species (ROS) production by inducing TP53 ubiquitination (PubMed:30844644). Regulates centrosome dynamics and mitotic progression by ubiquitinating STK3/MST2; leading to its redistribution to the perinuclear cytoskeleton and subsequent phosphorylation by PLK1 (PubMed:37739411).

Cellular Location

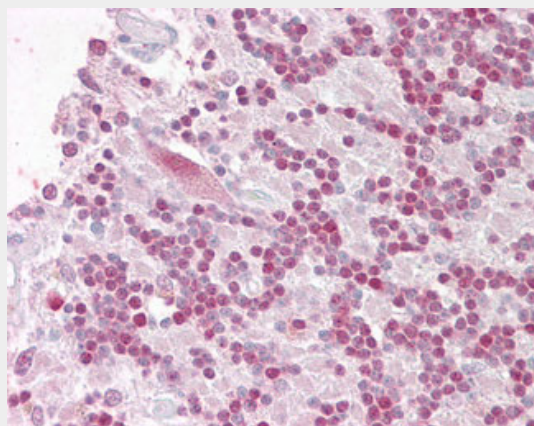
Cytoplasm. Nucleus. Nucleus speckle. Cytoplasm, cytoskeleton, microtubule organizing center, centrosome Note=Adopts a filamentous distribution in the cell cytoplasm where it strongly colocalizes with stable microtubules

TRIM69 / Trif Antibody (C-Terminus) - Protocols

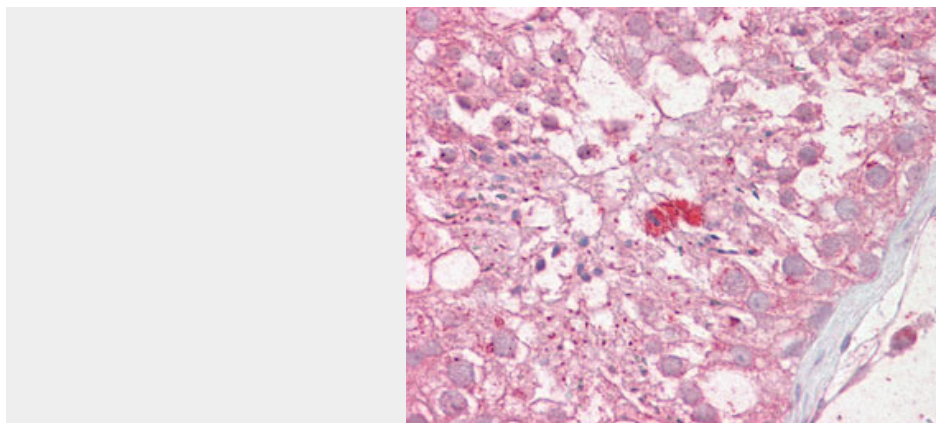
Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

TRIM69 / Trif Antibody (C-Terminus) - Images



Anti-TRIM69 / RNF36 antibody IHC of human brain, cerebellum.



Anti-TRIM69 / RNF36 antibody IHC of human testis.

TRIM69 / Trif Antibody (C-Terminus) - Background

May have E3 ubiquitin-protein ligase activity. May play a role in apoptosis.

TRIM69 / Trif Antibody (C-Terminus) - References

Merla G.,et al.Submitted (SEP-2000) to the EMBL/GenBank/DDBJ databases.
Corcoran M.,et al.Submitted (OCT-2005) to the EMBL/GenBank/DDBJ databases.
Fan M.M.,et al.Submitted (MAY-2003) to the EMBL/GenBank/DDBJ databases.
Zody M.C.,et al.Nature 440:671-675(2006).
Han Y.,et al.Biochem. Biophys. Res. Commun. 429:6-11(2012).