

DATASHEET

TRIM69 Rabbit Polyclonal Antibody

CAT. NO. APA14491

KEY FEATURES

Target	TRIM69	Source / Host	Rabbit
Reactivity	Human, Mouse, Rat	Clonality	Polyclonal
Applications	WB, IHC, IF/ICC	Conjugation	Unconjugated
Form / Buffer	Liquid in 0.42% Potassium phosphate, 0.87% Sodium chloride, pH 7.3, 30% glycerol, and 0.01% sodium azide.		Storage at -20°C

BACKGROUND

E3 ubiquitin ligase that plays an important role in antiviral immunity by restricting different viral infections including dengue virus or vesicular stomatitis indiana virus . Ubiquitinates viral proteins such as dengue virus NS3 thereby limiting infection . 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 . Also plays a role in cataract formation together with TP53 . Mechanistically, inhibits UVB-induced cell apoptosis and reactive oxygen species (ROS) production by inducing TP53 ubiquitination .

APPLICATION

To ensure optimal assay performance, AREX recommends conducting reagent titration tailored to each testing system for optimal detection results.

WB	1:500 - 1:2000
IHC	1:50 - 1:200
IF/ICC	1:50 - 1:200

*Results are sample-specific. Please refer to your local assay conditions and test parameters for reference.

PRODUCT OVERVIEW

Description	Rabbit polyclonal antibody to TRIM69
Specificity	Recognizes endogenous levels of TRIM69 protein.
Antibody Type	Primary antibody
Immunogen	Recombinant fusion protein of human TRIM69
Purification	The antibody was purified by immunogen affinity chromatography.
Molecular Weight	Predicted: 32; Observed: 60 kD
Form/Buffer	Liquid in 0.42% Potassium phosphate, 0.87% Sodium chloride, pH 7.3, 30% glycerol, and 0.01% sodium azide.
Alternative Names	RNF36; E3 ubiquitin-protein ligase TRIM69; RFP-like domain-containing protein trimless; RING finger protein 36; Tripartite motif-containing protein 69
Gene Symbol	TRIM69
Entrez Gene	140691(Human); 70928(Mouse); 311373(Rat)
SwissProt	Q86WT6(Human); Q80X56(Mouse); Q5BK82(Rat)

*AREX continuously optimizes our products. Webpage content may not reflect the latest updates. For inquiries, please contact info@arexbio.com or your local distributor.

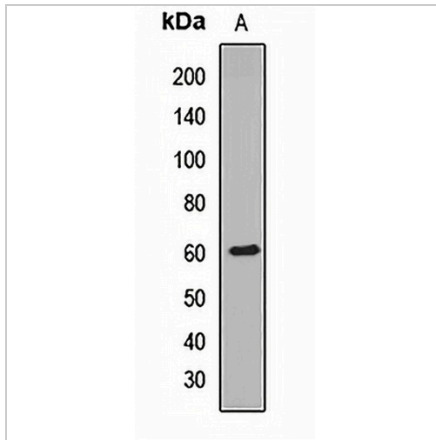
*Clone Number, Reactivity, Source/Host and Clonality can be found in the product name and Key Features section above.

DATASHEET

TRIM69 Rabbit Polyclonal Antibody

CAT. NO. APA14491

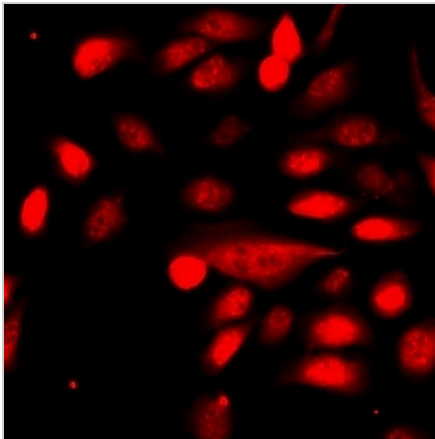
DATA



Western blot analysis of TRIM69 expression in mouse liver (A) whole cell lysates. (Predicted band size: 32; 34; 39; 57 kD; Observed band size: 60 kD)

Data 2

Immunohistochemical analysis of TRIM69 staining in human testis formalin fixed paraffin embedded tissue section. The section was pre-treated using heat mediated antigen retrieval with sodium citrate buffer (pH 6.0). The section was then incubated with the antibody at room temperature and detected using an HRP conjugated compact polymer system. DAB was used as the chromogen. The section was then counterstained with haematoxylin and mounted with DPX.



Immunofluorescent analysis of TRIM69 staining in A549 cells. Formalin-fixed cells were permeabilized with 0.1% Triton X-100 in TBS for 5-10 minutes and blocked with 3% BSA-PBS for 30 minutes at room temperature. Cells were probed with the primary antibody in 3% BSA-PBS and incubated overnight at 4 °C in a humidified chamber. Cells were washed with PBST and incubated with a DyLight 594-conjugated secondary antibody (red) in PBS at room temperature in the dark.

STORAGE

Store at 4°C short term. For long term storage, store at -20°C, avoiding freeze/thaw cycles.

NOTE

For Research Use Only. Not for diagnostic, therapeutics, prophylactic or in vivo use.