

DATASHEET

TRIM32 Rabbit Polyclonal Antibody

CAT. NO. APA17179

KEY FEATURES

Target	TRIM32	Source / Host	Rabbit
Reactivity	Human, Mouse, Rat	Clonality	Polyclonal
Applications	WB	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 a role in various biological processes including neural stem cell differentiation, innate immunity, inflammatory response and autophagy. Plays a role in virus-triggered induction of IFN-beta and TNF by mediating the ubiquitination of STING1. Mechanistically, targets STING1 for 'Lys-63'-linked ubiquitination which promotes the interaction of STING1 with TBK1. Regulates bacterial clearance and promotes autophagy in Mycobacterium tuberculosis-infected macrophages. Negatively regulates TLR3/4-mediated innate immune and inflammatory response by triggering the autophagic degradation of TICAM1 in an E3 activity-independent manner.

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

PRODUCT OVERVIEW

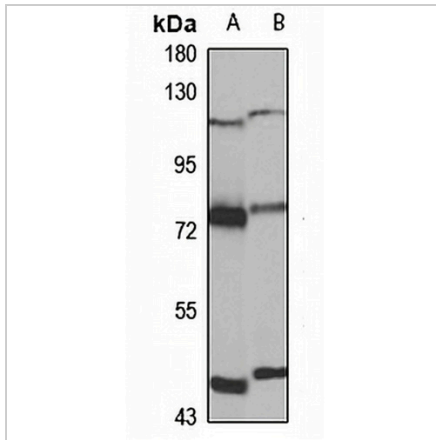
Description	Rabbit polyclonal antibody to TRIM32
Specificity	Recognizes endogenous levels of TRIM32 protein
Antibody Type	Primary antibody
Immunogen	Recombinant fusion protein of human TRIM32. The exact sequence is proprietary.
Purification	The antibody was purified by immunogen affinity chromatography.
Molecular Weight	Predicted: 71 kD; Observed: 75 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	HT2A; E3 ubiquitin-protein ligase TRIM32; 72 kDa Tat-interacting protein; Tripartite motif-containing protein 32; Zinc finger protein HT2A
Gene Symbol	TRIM32
Entrez Gene	22954(Human); 69807(Mouse)
SwissProt	Q13049(Human); Q8CH72(Mouse)

*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.

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DATA

Western blot analysis of TRIM32 expression in mouse brain (A), rat brain (B) whole cell lysates. (Predicted band size: 71 kD; Observed band size: 75 kD)

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.