

DATASHEET

TRIM41 Rabbit Polyclonal Antibody

CAT. NO. APA17182

KEY FEATURES

Target	TRIM41	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 ligase that plays essential roles in innate antiviral response . Directly binds to influenza A virus or vesicular stomatitis virus nucleoproteins and targets them for ubiquitination and proteasomal degradation, thereby limiting viral infections . Activates the innate antiviral response by catalyzing monoubiquitination of CGAS, thereby activating CGAS . Also involved in innate antiviral response by mediating 'Lys-63'-linked polyubiquitylation of BCL10 which in turn hubs NEMO for activation of NF-kappa-B and IRF3 pathways . Catalyzes the ubiquitin-mediated degradation of other substrates including protein kinase C, ZSCAN21 or TOP3B suggesting additional roles besides its function in immune response .

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

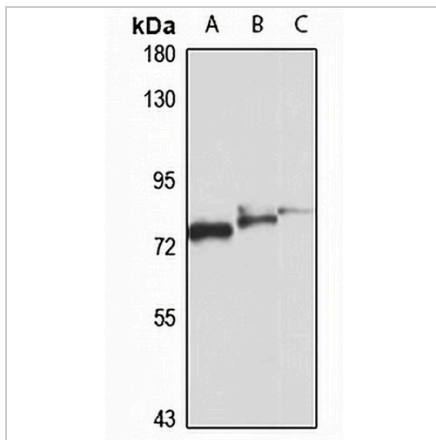
Description	Rabbit polyclonal antibody to TRIM41
Specificity	Recognizes endogenous levels of TRIM41 protein
Antibody Type	Primary antibody
Immunogen	Recombinant fusion protein of human TRIM41. The exact sequence is proprietary.
Purification	The antibody was purified by immunogen affinity chromatography.
Molecular Weight	Predicted: 71 kD; Observed: 72 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	RINCK; E3 ubiquitin-protein ligase TRIM41; RING finger-interacting protein with C kinase; RINCK; Tripartite motif-containing protein 41
Gene Symbol	TRIM41
Entrez Gene	90933(Human); 211007(Mouse)
SwissProt	Q8WV44(Human); Q5NCC3(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 TRIM41 expression in HeLa (A), mouse brain (B), rat brain (C) whole cell lysates. (Predicted band size: 71 kD; Observed band size: 72 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.