

DATASHEET

TRIM34 Rabbit Polyclonal Antibody

CAT. NO. APA18008

KEY FEATURES

Target	TRIM34	Source / Host	Rabbit
Reactivity	Human	Clonality	Polyclonal
Applications	WB, IHC	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

Functions as antiviral protein and contributes to the defense against retroviral infections . Acts as a capsid-specific restriction factor with the help of TRIM5 and prevents infection from non-host-adapted retroviruses . During influenza A virus infection, promotes programmed cell death by targeting ZBP1 for 'Lys-63'-linked polyubiquitination . In turn, promotes ZBP1 recruitment of RIPK3 to mediate virus-induced programmed necrosis . Negatively regulates the function of mitochondria by enhancing mitochondrial depolarization leading to cytochrome c release and mitochondria-dependent apoptosis . Also promotes the formation of multinucleated giant cells by means of cell fusion and phagocytosis in epithelial cells .

APPLICATION

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

WB	1:500 - 1:1000
IHC	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 TRIM34
Specificity	Recognizes endogenous levels of TRIM34 protein.
Antibody Type	Primary antibody
Immunogen	KLH-conjugated synthetic peptide encompassing a sequence within the N-terminal region of human TRIM34. The exact sequence is proprietary.
Purification	The antibody was purified by immunogen affinity chromatography.
Molecular Weight	Predicted: 56 kD; Observed: 33 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	IFP1; RNF21; Tripartite motif-containing protein 34; Interferon-responsive finger protein 1; RING finger protein 21
Gene Symbol	TRIM34
Entrez Gene	53840(Human)
SwissProt	Q9BYJ4(Human)

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

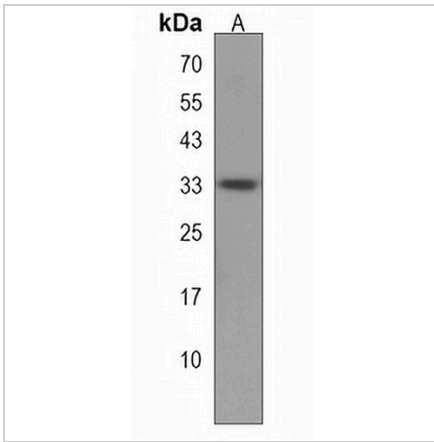
*Clone Number, Reactivity, Source/Host and Clonality can be found in the product name and Key Features section above.

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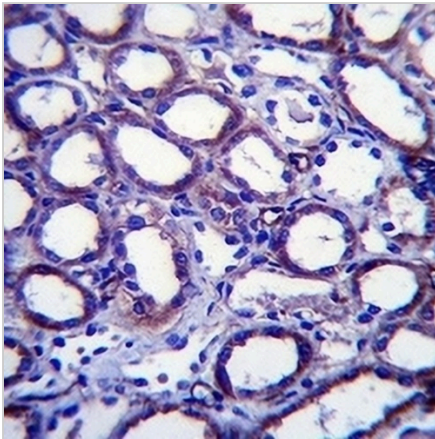
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DATA



Western blot analysis of TRIM34 expression in NCIH292 (A) whole cell lysates. (Predicted band size: 56 kD; Observed band size: 33 kD)



Immunohistochemical analysis of TRIM34 staining in human kidney 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.

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.