

Product Name: TRIM56 Rabbit Monoclonal antibody
Catalog #: AMRe03801



Summary

Production Name	TRIM56 Rabbit Monoclonal antibody
Description	Recombinant Rabbit Monoclonal antibody
Host	Rabbit
Application	WB, ICC/IF
Reactivity	Human

Performance

Conjugation	Unconjugated
Modification	Unmodified
Isotype	IgG
Clonality	Monoclonal Antibody
Form	Liquid
Storage	Store at 4°C short term. Aliquot and store at -20°C long term. Avoid freeze/thaw cycles.
Buffer	50mM Tris-Glycine(pH 7.4), 0.15M NaCl, 40% Glycerol, 0.01% Sodium azide and 0.05% BSA
Purification	Affinity Purified

Immunogen

Gene Name	TRIM56
Alternative Names	RING finger protein 109; RNF109
Gene ID	81844
SwissProt ID	Q9BRZ2.

Application

Dilution Ratio	WB: 1:500-1:1000 IF: 1:50-1:200
Molecular Weight	Calculated MW: 81 kDa; Observed MW: 81 kDa

Background

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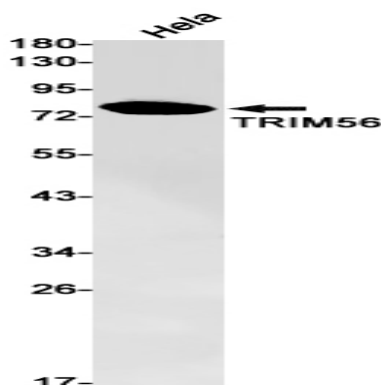


E3 ubiquitin-protein ligase that plays a key role in innate antiviral immunity (PubMed:21289118). In response to pathogen- and host-derived double-stranded DNA (dsDNA), targets TMEM173/STING to 'Lys-63'-linked ubiquitination, thereby promoting its homodimerization, a step required for the production of type I interferon IFN-beta . Independently of its E3 ubiquitin ligase activity, positive regulator of TLR3 signaling. Potentiates extracellular double stranded RNA (dsRNA)-induced expression of IFNB1 and interferon-stimulated genes ISG15, IFIT1/ISG56, CXCL10, OASL and CCL5/RANTES. Promotes establishment of an antiviral state by TLR3 ligand and TLR3-mediated chemokine induction following infection by hepatitis C virus (PubMed:22948160).

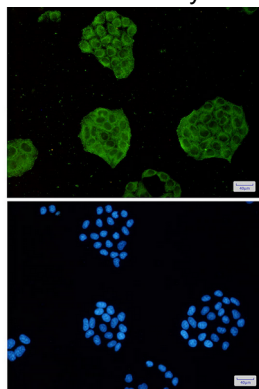
Research Area

Epigenetics and Nuclear Signaling

Image Data



Western blot analysis of TRIM56 in HeLa lysates using TRIM56 antibody.



Immunocytochemistry analysis of TRIM56(green) in HeLa using TRIM56 antibody, and DAPI(blue)

Note

For research use only.