

TRIM56 Rabbit mAb

Catalog No: #52633

Package Size: #52633-1 50ul #52633-2 100ul

Orders: order@signalwayantibody.com

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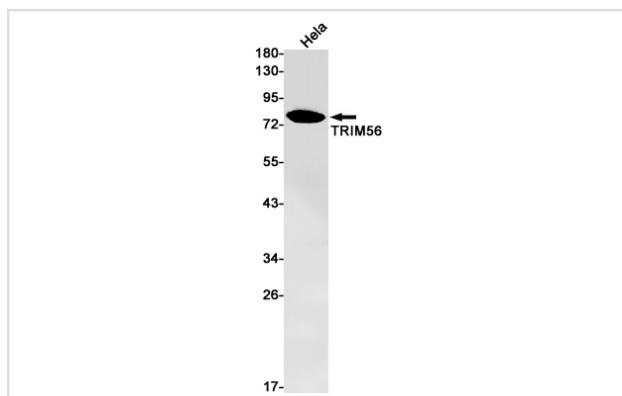
Description

Product Name	TRIM56 Rabbit mAb
Host Species	Recombinant Rabbit
Clonality	Monoclonal antibody
Clone No.	S02-8A3
Isotype	Rabbit IgG
Purification	Affinity Purified
Applications	WB IF
Species Reactivity	Human
Immunogen Description	A synthetic peptide of human TRIM56
Conjugates	Unconjugated
Modification	Unmodification
Other Names	RING finger protein 109; RNF109
Accession No.	Swiss-Prot:Q9BRZ2GeneID:81844
Uniprot	Q9BRZ2
GeneID	81844
Calculated MW	Calculated MW: 82 kDa; Observed MW: 82 kDa
Concentration	0.3 mg/ml
Formulation	50mM Tris-Glycine(pH 7.4), 0.15M NaCl, 40% Glycerol, 0.01% Sodium azide and 0.05% BSA
Storage	Store at 4°C short term. Aliquot and store at -20°C long term. Avoid freeze/thaw cycles.

Application Details

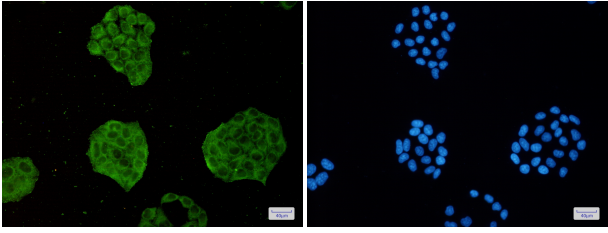
WB: 1/2000-1/10000; ICC/IF: 1/50;

Images



Western blot detection of TRIM56 in HeLa cell lysates using TRIM56 Rabbit mAb(1:1000 diluted). Predicted band size:82kDa.Observed band size:82kDa.

Immunocytochemistry of TRIM56(green) in HeLa cells using TRIM56 Rabbit mAb at dilution 1/50, and DAPI(blue)



Background

Swiss-Prot Acc.Q9BRZ2.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).

Note: This product is for in vitro research use only