anti-Human TRIM56 Monoclonal Antibody | anti-TRIM56 antibody

TRIM56 Rabbit mAb

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA314477	**Recombinant Rabbit**	**Human**	**Immunofluorescence, Western Blot**

PRODUCT SYNONYMS

TRIM56; Monoclonal Antibody; TRIM56 Rabbit mAb; RING finger protein 109; RNF109; anti-TRIM56 antibody

PRODUCT SPECIFICATIONS

Host	Recombinant Rabbit
Reactivity	Human
Clonality	Monoclonal
Isotype	Rabbit IgG
Clone Number	S02-8A3
Purity/Purification	Affinity Purified
Form/Format	50mM Tris-Glycine(pH 7.4), 0.15M NaCl, 40% Glycerol, 0.01% Sodium azide and 0.05% BSA
Concentration	0.3mg/ml (varies by lot)
Applicable Applications for anti-TRIM56 antibody	IF (Immunofluorescence), WB (Western Blot)
Immunogen	A synthetic peptide of human TRIM56
Conjugation	Unconjugated
Modification	Unmodification
Preparation and Storage	Store at 4 degree C short term. Aliquot and store at -20 degree C long term. Avoid freeze/thaw cycles.

IMAGES

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

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

ADDITIONAL INFORMATION

Related Product Information for anti-TRIM56 antibody	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).

Product Categories/Family for anti-TRIM56 antibody	Primary Antibody

NCBI AND UNIPROT INFORMATION

NCBI GI #	30794216
NCBI GeneID	81844
NCBI Accession #	NP_112223
NCBI GenBank Nucleotide #	NM_030961
UniProt Accession #	Q9BRZ2; Q6PJS5; Q86VT6; Q8N2H8; Q8NAC0; Q9H031
Molecular Weight	29,185 Da
NCBI Official Full Name	E3 ubiquitin-protein ligase TRIM56
NCBI Official Synonym Full Names	tripartite motif containing 56
NCBI Official Symbol	TRIM56
NCBI Official Synonym Symbols	RNF109
NCBI Protein Information	E3 ubiquitin-protein ligase TRIM56; RING finger protein 109; tripartite motif-containing protein 56
UniProt Protein Name	E3 ubiquitin-protein ligase TRIM56
UniProt Gene Name	**TRIM56**
UniProt Synonym Gene Names	RNF109
UniProt Entry Name	TRI56_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: https://stage.aaabiotech.com/monoclonal/trim56-antibody-clone-s02-8a3-immunofluorescence-western-blot-elisa/314477