Anti-TRI56 antibody

Description	Unconjugated Rabbit polyclonal to TRI56

Model	STJ192604
Host	Rabbit
Reactivity	Human, Mouse
Applications	ELISA, WB
Immunogen	Synthesized peptide derived from human TRI56 protein.
Immunogen Region	121-170aa
Gene ID	81844
Gene Symbol	TRIM56
Dilution range	WB 1:500-2000 ELISA 1:5000-20000
Specificity	TRI56 Polyclonal Antibody detects endogenous levels of protein.
Tissue Specificity	Widely expressed (at protein level).
Purification	TRI56 antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
Note	For Research Use Only (RUO).
Protein Name	E3 ubiquitin-protein ligase TRIM56 RING finger protein 109 RING-type E3 ubiquitin transferase TRIM56 Tripartite motif-containing protein 56
Molecular Weight	83 kDa
Clonality	Polyclonal

Conjugation	Unconjugated
Isotype	IgG
Formulation	Liquid form in PBS containing 50% glycerol,and 0.02% sodium azide.
Concentration	1 mg/ml
Storage Instruction	Store at -20°C, and avoid repeat freeze-thaw cycles.
Database Links	HGNC:19028OMIM:616996
Alternative Names	E3 ubiquitin-protein ligase TRIM56 RING finger protein 109 RING-type E3 ubiquitin transferase TRIM56 Tripartite motif-containing protein 56
Function	E3 ubiquitin-protein ligase that plays a key role in innate antiviral immunity . 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 .
Cellular Localization	Cytoplasm
Post-translational Modifications	Autoubiquitinated.