

## Product datasheet for **TA385466**

### TRIM56 Rabbit Monoclonal Antibody [Clone ID: R02-8A3]

#### Product data:

Product Type:	Primary Antibodies
Clone Name:	R02-8A3
Applications:	IF, WB
Recommended Dilution:	WB: 1/2000-1/10000 ICC/IF: 1/50-1/100
Reactivity:	Human
Host:	Rabbit
Isotype:	IgG
Clonality:	Monoclonal
Immunogen:	A synthetic peptide of human TRIM56
Formulation:	50mM Tris-Glycine(pH 7.4), 0.15M NaCl, 40% Glycerol, 0.01% Sodium azide and 0.05% BSA
Concentration:	lot specific
Purification:	Affinity Purified
Conjugation:	Unconjugated
Storage:	Store at 4°C short term. Aliquot and store at -20°C long term. Avoid freeze/thaw cycles.
Stability:	1 year
Predicted Protein Size:	Calculated MW: 82 kDa; Observed MW: 82 kDa
Gene Name:	tripartite motif containing 56
Database Link:	<a href="#">Entrez Gene 81844 Human Q9BRZ2</a>



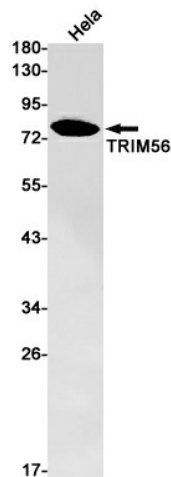
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**Background:**

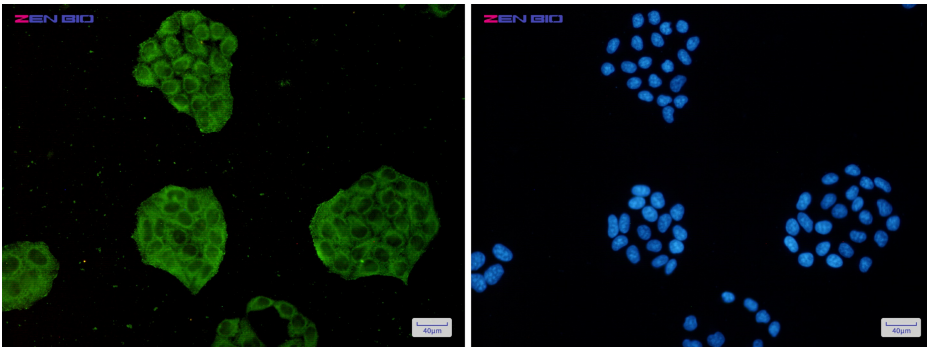
Swiss-Prot Acc.Q9BRZ2.E3 ubiquitin-protein ligase that plays a key role in innate antiviral immunity (PubMed:21289118). In response to pathogen- and host-derived double-stranded DNA (dsDNA), targets TMEM173/STING to 'Lys-63'-linked ubiquitination, thereby promoting its homodimerization, a step required 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).

**Synonyms:**

DKFZp667O116; FLJ35608; RNF109

**Product images:**

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



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