

Rabbit anti-Human TRIM68 Polyclonal Antibody | anti-TRIM68 antibody

TRIM68 Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA322710	Rabbit	Human	ELISA, Immunohistochemistry, Western Blot

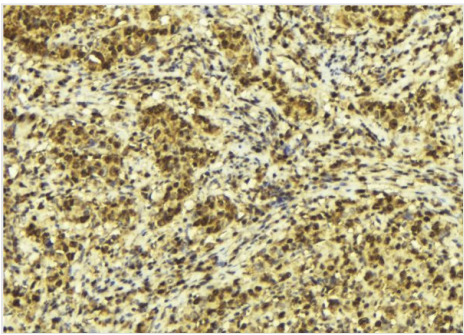
PRODUCT SYNONYMS

TRIM68; Polyclonal Antibody; TRIM68 Antibody; E3 ubiquitin-protein ligase TRIM68; FLJ10369; GC109; MGC126176; RING finger protein 137; RNF 137; RNF137; Ro/SSA1 related protein; SS 56; SS-56; SS56; SSA protein SS 56; SSA protein SS-56; TRI68_HUMAN; TRIM 68; Trim68; Tripartite motif containing 68; Tripartite motif containing protein 68; Tripartite motif-containing protein 68; anti-TRIM68 antibody

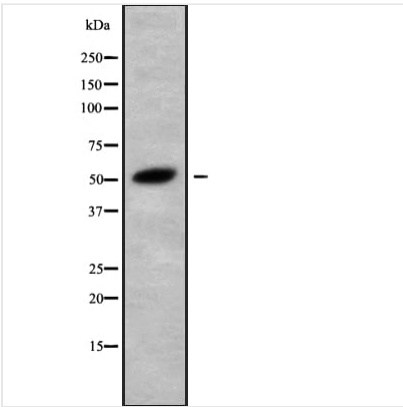
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Isotype	IgG
Specificity	TRIM68 antibody detects endogenous levels of total TRIM68
Purity/Purification	The antiserum was purified by peptide affinity chromatography using SulfoLink Coupling Resin.
Form/Format	Liquid Phosphate buffered saline, pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Concentration	1mg/ml (varies by lot)
Sequence Length	262
Applicable Applications for anti-TRIM68 antibody	ELISA, IHC (Immunohistochemistry), WB (Western Blot)
Immunogen	A synthesized peptide derived from human TRIM68
Subcellular Location	Cytoplasm > Perinuclear Region. Nucleus. Colocalized with AR in nucleus.
Tissue Specificity	Widely expressed. Expressed at high levels in prostate cancer cell lines. Up-regulation could be restricted to androgen-dependent cells.
Conjugation	Unconjugated
Preparation and Storage	Store at -20 degree C. Stable for 12 months from date of receipt.

IMAGES



IHC (Immunohistochemistry)
AAA322710 at 1/100 staining Human breast cancer tissue by IHC-P. The sample was formaldehyde fixed and a heat mediated antigen retrieval step in citrate buffer was performed. The sample was then blocked and incubated with the antibody for 1.5 hours at 22 degree C. An HRP conjugated goat anti-rabbit antibody was used as the secondary.



WB (Western Blot)
Western blot analysis of TRIM68 using HT-29 whole cell lysates

ADDITIONAL INFORMATION

Related Product Information for anti-TRIM68 antibody	Function: Functions as a ubiquitin E3 ligase. Acts as a coactivator of androgen receptor (AR) depending on its ubiquitin ligase activity. Subunit Structure: Interacts with AR/androgen receptor (via ligand-binding domain). Interacts with KAT5/TIP60. Post-translational Modifications: Auto-ubiquitinated. Similarity: The RING domain is essential for ubiquitin E3 ligase activity. Belongs to the TRIM/RBCC family.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	751557653
NCBI GeneID	55128
NCBI Accession #	NP_001291425.1
NCBI GenBank Nucleotide #	NM_001304496.1
UniProt Accession #	Q6AZZ1; Q8WZ70; Q96LE5; Q96PF7; Q9H9C2; Q9NW18; A6NI19; A8K551; B3KPM5; B4DVK4
Molecular Weight	Observed: 56 kDa Predicted: 57 kDa
NCBI Official Full Name	E3 ubiquitin-protein ligase TRIM68 isoform 2
NCBI Official Synonym Full Names	tripartite motif containing 68
NCBI Official Symbol	TRIM68
NCBI Official Synonym Symbols	SS56; GC109; SS-56; RNF137
NCBI Protein Information	E3 ubiquitin-protein ligase TRIM68
UniProt Protein Name	E3 ubiquitin-protein ligase TRIM68
UniProt Gene Name	TRIM68
UniProt Synonym Gene Names	GC109; RNF137; SS56; SS-56

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.