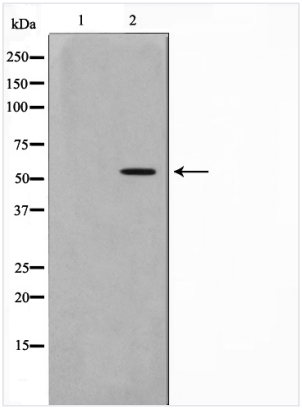
TRIM38 Antibody – Rabbit Polyclonal

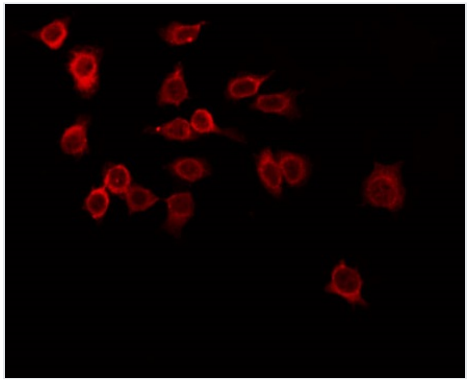
PRODUCT OVERVIEW

Product Name	TRIM38, Polyclonal Antibody
Full Product Name	TRIM38 Antibody
Product Gene Name	anti-TRIM38 antibody
Product Synonym Names	Gm23; MGC8946; RING finger protein 15; RNF15; Ro/SSA ribonucleoprotein homolog; RORET; RP23 480B19.4; tripartite motif containing 38; Zinc finger protein RoRet
Clonality	Polyclonal
Isotype	IgG
Host	Rabbit
Species Reactivity	Human, Mouse
Form/Format	Liquid Phosphate buffered saline, pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Purity/Purification	The antiserum was purified by peptide affinity chromatography using SulfoLink Coupling Resin.
Concentration	1mg/ml (lot specific)
Specificity	TRIM38 antibody detects endogenous levels of total TRIM38
Preparation and Storage	Store at -20 degree C. Stable for 12 months from date of receipt.
Antibody/Peptide Pairs	TRIM38 peptide (MBS9614795) is used for blocking the activity of TRIM38 antibody (MBS9600242)
Molecular Weight	Observed: 53 kDa Predicted: 54 kDa
3D Structure	ModBase 3D Structure for O00635
Supply Chain Verification	Manufactured in a lab with traceable raw materials manufactured on site. Coordinated product portfolio of antibodies, pairs, conjugates, recombinant proteins, and immunoassay materials available, please inquire.
Immunogen	A synthesized peptide derived from human TRIM38
Tissue Specificity	Ubiquitous.
Predicted Cross Reactivity	**Pig, Bovine, Horse, Sheep, Rabbit, Dog**
Similarity	Pig (91%), Bovine (91%), Horse (91%), Sheep (91%), Rabbit (91%), Dog (100%)
Conjugation	Unconjugated
ISO Certification	Manufactured in an ISO 9001:2015 Certified Laboratory.
Applications Tested/Suitable for anti-TRIM38 antibody	Western Blot (WB), Immunofluorescence (IF), Immunocytochemistry (ICC), ELISA (EIA)
Application Notes for anti-TRIM38 antibody	WB: 1:500-1:3000 IF/ICC: 1:100-1:500
Related Product Information for anti-TRIM38 antibody	Description: The protein encoded by this gene is a member of the tripartite motif (TRIM) family. The TRIM motif includes three zinc-binding domains, a RING, a B-box type 1 and a B-box type 2, and a coiled-coil region. The function of this protein has not been identified. Function: E3 ubiquitin-protein ligase. Mediates 'Lys-48'-linked polyubiquitination and proteasomal degradation of the critical TLR adapter TICAM1, inhibiting TLR3-mediated type I interferon signaling.

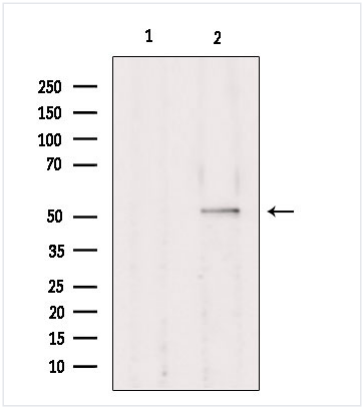
Other Notes	Small volumes of anti-TRIM38 antibody vial(s) may occasionally become entrapped in the seal of the product vial during shipment and storage. If necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the container`s cap. Certain products may require to ship with dry ice and additional dry ice fee may apply.
Searchable Terms for TRIM38 purchase	MBS9600242 is an antibody targeting TRIM38. Also known as TRIM38 Antibody. Reactive in Human, Mouse. Host: Rabbit.



Western Blot (WB) of anti-TRIM38 antibody
Western blot analysis on LOVO cell lysate using TRIM38 Antibody.The lane on the left is treated with the antigen-specific peptide.



Immunofluorescene (IF) of anti-TRIM38 antibody
MBS9600242 staining LOVO by IF/ICC. The sample were fixed with PFA and permeabilized in 0.1% Triton X-100, then blocked in 10% serum for 45 minutes at 25 degree C. The primary antibody was diluted at 1/200 and incubated with the sample for 1 hour at 37 degree C. An Alexa Fluor 594 conjugated goat anti-rabbit IgG (H+L) Ab, diluted at 1/600, was used as the secondary antibody.



Western Blot (WB) of anti-TRIM38 antibody
Western blot analysis of extracts from Hepg2, using TRIM38 Antibody. Lane 1 was treated with the blocking peptide.

ADDITIONAL DETAILS

NCBI/Uniprot data below describe general gene information for TRIM38. It may not necessarily be applicable to this product.

NCBI GI #	5454014
NCBI GeneID	10475
NCBI Accession #	NP_006346.1
UniProt Primary Accession #	O00635
UniProt Secondary Accession #	B2R862
UniProt Related Accession #	O00635
GenBank Nucleotide #	NM_006355.4
NCBI Official Full Name	E3 ubiquitin-protein ligase TRIM38
NCBI Official Synonym Full Names	tripartite motif containing 38

NCBI Official Symbol	TRIM38
NCBI Official Synonym Symbols	RNF15; RORET
UniProt Protein Name	E3 ubiquitin-protein ligase TRIM38
UniProt Synonym Protein Names	RING finger protein 15; RING-type E3 ubiquitin transferase TRIM38Curated; Tripartite motif-containing protein 38; Zinc finger protein RoRet
Protein Family	E3 ubiquitin-protein ligase
UniProt Gene Name	TRIM38
UniProt Synonym Gene Names	RNF15; RORET
NCBI Protein Information	E3 ubiquitin-protein ligase TRIM38
NCBI Summary for TRIM38	This gene encodes a member of the tripartite motif (TRIM) family. The encoded protein contains a RING-type zinc finger, B box-type zinc finger and SPRY domain. The function of this protein has not been identified. A pseudogene of this gene is located on the long arm of chromosome 4. [provided by RefSeq, Jul 2012]
UniProt Comments for TRIM38	E3 ubiquitin-protein ligase. Mediates 'Lys-48'-linked polyubiquitination and proteasomal degradation of the critical TLR adapter TICAM1, inhibiting TLR3-mediated type I interferon signaling.
Research Articles on TRIM38	**1.** Data suggest that mRNA/protein levels of NLRP6 are down-regulated in synovial tissues and synoviocytes of rheumatoid arthritis (RA) patients compared to osteoarthritis patients; NLRP6 provides docking site to facilitate interaction between TAB2/3 and TRIM38 in RA synoviocytes in response to TNFalpha. (NLRP6 = ; TAB2/3 = transforming growth factor-b-activated kinase 1-binding protein 2/3; TRIM38 = tripartite motif 38)
Precautions	All of MyBioSource's Products are for scientific laboratory research purposes and are not for diagnostic, therapeutics, prophylactic or in vivo use. Through your purchase, you expressly represent and warrant to MyBioSource that you will properly test and use any Products purchased from MyBioSource in accordance with industry standards. MyBioSource and its authorized distributors reserve the right to refuse to process any order where we reasonably believe that the intended use will fall outside of our acceptable guidelines.
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