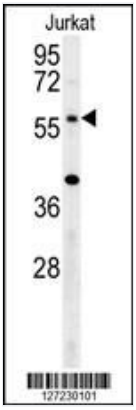
TRIM50 Antibody – Rabbit Polyclonal

PRODUCT OVERVIEW

Product Name	TRIM50, Polyclonal Antibody
Full Product Name	TRIM50, CT (TRIM50, TRIM50A, E3 ubiquitin-protein ligase TRIM50, Tripartite motif-containing protein 50) (FITC)
Product Gene Name	anti-TRIM50 antibody
Product Synonym Names	TRIM50; TRIM50A; E3 ubiquitin-protein ligase TRIM50; Tripartite motif-containing protein 50
Clonality	Polyclonal
Isotype	IgG
Host	Rabbit
Species Reactivity	Human
Form/Format	Supplied as a liquid in PBS, pH 7.2. No preservative added. Labeled with Fluorescein Isothiocyanate (FITC).
Purity/Purification	Purified by Protein A Affinity Chromatography.
Preparation and Storage	Store product at 4 degree C if to be used immediately within two weeks. For long-term storage, aliquot to avoid repeated freezing and thawing and store at -20 degree C. Aliquots are stable at -20 degree C for 12 months after receipt. Dilute required amount only prior to immediate use. Further dilutions can be made in assay buffer. Caution: FITC conjugates are sensitive to light. For maximum recovery of product, centrifuge the original vial after thawing and prior to removing the cap.
Molecular Weight	54,646 Da
OMIM	612548
3D Structure	ModBase 3D Structure for Q86XT4
Immunogen	TRIM50 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 361-391 amino acids from the C-terminal region of human TRIM50.
Conjugate	FITC
Note	Preservative Free
Special Handling	Light sensitive
Product Categories/Family for anti-TRIM50 antibody	Antibodies; Transcription Factors; TRIM (Tripartite Motif)
Applications Tested/Suitable for anti-TRIM50 antibody	Flow Cytometry (FC/FACS), FLISA, Immunohistochemistry (IHC), Western Blot (WB)
Application Notes for anti-TRIM50 antibody	FC/FACS: 1:10-50 FLISA: 1:1,000 IHC: 1:50-100 WB: 1:100-500 Applications are based on unconjugated antibody.
Related Product Information for anti-TRIM50 antibody	TRIM50 belongs to the TRIM/RBCC family. It contains 1 B box-type zinc finger, 1 B30.2/SPRY domain and 1 RING-type zinc finger. TRIM50 is an E3 ubiquitin-protein ligase.
Product References and Citations for anti-TRIM50 antibody	Micale, L., et al. Eur. J. Hum. Genet. 16(9):1038-1049(2008).

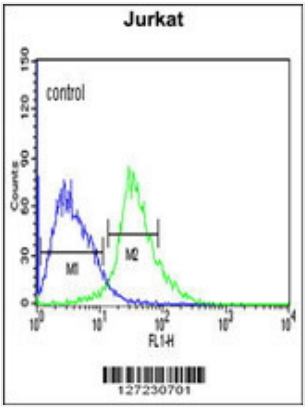
Other Notes	Small volumes of anti-TRIM50 antibody vial(s) may occasionally become entrapped in the seal of the product vial during shipment and storage. If necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the container`s cap. Certain products may require to ship with dry ice and additional dry ice fee may apply.
Searchable Terms for TRIM50 purchase	MBS6358476 is an antibody targeting TRIM50. Also known as TRIM50, CT (TRIM50, TRIM50A, E3 ubiquitin-protein ligase TRIM50, Tripartite motif-containing protein 50) (FITC). Reactive in Human. Host: Rabbit.



Western Blot (WB) of anti-TRIM50 antibody
TRIM50 Antibody (C-term) western blot analysis in Jurkat cell line lysates (15ug/lane).This demonstrates the TRIM50 antibody detected the TRIM50 protein (arrow).



Immunohistochemistry (IHC) of anti-TRIM50 antibody
TRIM50 Antibody (C-term) immunohistochemistry analysis in formalin fixed and paraffin embedded human brain tissue followed by peroxidase conjugation of the secondary antibody and DAB staining. This data demonstrates the use of the TRIM50 Antibody (C-term) for immunohistochemistry. Clinical relevance has not been evaluated.



Flow Cytometry (FC/FACS) of anti-TRIM50 antibody
TRIM50 Antibody (C-term) flow cytometric analysis of Jurkat cells (right histogram) compared to a negative control cell (left histogram).FITC-conjugated goat-anti-rabbit secondary antibodies were used for the analysis.

ADDITIONAL DETAILS

NCBI/Uniprot data below describe general gene information for TRIM50. It may not necessarily be applicable to this product.

NCBI GI #	30023818
NCBI GeneID	135892
NCBI Accession #	NP_835226.1
UniProt Primary Accession #	Q86XT4
UniProt Secondary Accession #	Q86XT3
UniProt Related Accession #	Q86XT4
GenBank Nucleotide #	NM_178125.2
NCBI Official Full Name	E3 ubiquitin-protein ligase TRIM50

NCBI Official Synonym Full Names	tripartite motif containing 50
NCBI Official Symbol	TRIM50
NCBI Official Synonym Symbols	TRIM50A
UniProt Protein Name	E3 ubiquitin-protein ligase TRIM50
UniProt Synonym Protein Names	Tripartite motif-containing protein 50
Protein Family	E3 ubiquitin-protein ligase
UniProt Gene Name	TRIM50
UniProt Synonym Gene Names	TRIM50A
UniProt Entry Name	TRI50_HUMAN
NCBI Protein Information	E3 ubiquitin-protein ligase TRIM50
Research Articles on TRIM50	**1.** TRIM50 K372 residue competes for post-translational protein modifications such as acetylation and ubiquitination.
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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