Rabbit TRIM54 Polyclonal Antibody | anti-TRIM54 antibody

TRIM54 Antibody (N-term)

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA287829	**Rabbit**	**Human (Predicted Reactivity: Bovine)**	**Immunohistochemistry, ELISA, Western Blot**

PRODUCT SYNONYMS

TRIM54; Polyclonal Antibody; TRIM54 Antibody (N-term); Tripartite motif-containing protein 54; Muscle-specific RING finger protein; MuRF; Muscle-specific RING finger protein 3; MuRF-3; MuRF3; RING finger protein 30; MURF; MURF3; RNF30; anti-TRIM54 antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human (Predicted Reactivity: Bovine)
Clonality	Polyclonal
Isotype	Rabbit Ig
Specificity	This TRIM54 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 1-30 amino acids from the N-terminal region of human TRIM54.
Purity/Purification	Peptide Affinity Purified Rabbit Polyclonal Antibody (Pab)
Form/Format	Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is purified through a protein A column, followed by peptide affinity purification.
Concentration	Vial Concentration: 0.5 (varies by lot)
Sequence Positions	1-30
Sequence Length	400
Applicable Applications for anti-TRIM54 antibody	IHC (Immunohistochemistry), ELISA, WB (Western Blot)
Antigen Type	Synthetic Peptide
Antigen Source	HUMAN
Preparation and Storage	Maintain refrigerated at 2-8 degree C for up to 6 months. For long term storage store at -20 degree C in small aliquots to prevent freeze-thaw cycles.

IMAGES

IHC (Immunohiostchemistry)
TRIM54 Antibody (N-term) immunohistochemistry analysis in formalin fixed and paraffin embedded human skeletal muscle followed by peroxidase conjugation of the secondary antibody and DAB staining.This data demonstrates the use of TRIM54 Antibody (N-term) for immunohistochemistry. Clinical relevance has not been evaluated.

WB (Western Blot)
TRIM54 Antibody (N-term) western blot analysis in A549 cell line lysates (35ug/lane).This demonstrates the TRIM54 antibody detected the TRIM54 protein (arrow).

ADDITIONAL INFORMATION

Related Product Information for anti-TRIM54 antibody	The protein encoded by this gene contains a RING finger motif and is highly similar to the ring finger proteins RNF28/MURF1 and RNF29/MURF2. In vitro studies demonstrated that this protein, RNF28, and RNF29 form heterodimers, which may be important for the regulation of titin kinase and microtubule-dependent signal pathways in striated muscles. Alternatively spliced transcript variants encoding distinct isoforms have been reported. [provided by RefSeq].
Product Categories/Family for anti-TRIM54 antibody	Cell Biology
References	Centner, T., et al. J. Mol. Biol. 306(4):717-726(2001) Spencer, J.A., et al. J. Cell Biol. 150(4):771-784(2000)

NCBI AND UNIPROT INFORMATION

NCBI GI #	78482627
NCBI GeneID	57159
NCBI Accession #	NP_115935.3; NP_912730.2
NCBI GenBank Nucleotide #	NM_032546.3
UniProt Accession #	Q9BYV2; Q53SY4; Q9BYV3; A5D8T7
Molecular Weight	40301
NCBI Official Full Name	tripartite motif-containing protein 54 isoform 1
NCBI Official Synonym Full Names	tripartite motif containing 54
NCBI Official Symbol	TRIM54
NCBI Official Synonym Symbols	MURF; RNF30; muRF3; MURF-3
NCBI Protein Information	tripartite motif-containing protein 54
UniProt Protein Name	Tripartite motif-containing protein 54
UniProt Gene Name	**TRIM54**
UniProt Synonym Gene Names	MURF; MURF3; RNF30; MuRF; MuRF-3; MuRF3
UniProt Entry Name	TRI54_HUMAN

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.

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Online datasheet: https://stage.aaabiotech.com/polyclonal/trim54-antibody-immunohistochemistry-western-blot-elisa/287829