

Goat TRIM72/MG53 Polyclonal Antibody | anti-TRIM72/MG53 antibody

Anti-TRIM72/MG53 Antibody (aa61-70)

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA162270	Goat	Human Predicted: Rabbit, Mouse, Bovine, Rat, Hamster, Bat, Monkey	Western Blot, Immunohistochemistry, ELISA

PRODUCT SYNONYMS

TRIM72/MG53; Polyclonal Antibody; Anti-TRIM72/MG53 Antibody (aa61-70); Rabbit Polyclonal (IgG) to Human TRIM72/MG53; TRIM72; MG53; Tripartite motif containing 72; Tripartite motif-containing 72; Mitsugumin-53; anti-TRIM72/MG53 antibody

PRODUCT SPECIFICATIONS

Host	Goat
Reactivity	Human Predicted: Rabbit, Mouse, Bovine, Rat, Hamster, Bat, Monkey
Clonality	Polyclonal
Specificity	Human TRIM72.
Purity/Purification	Immunoaffinity Purified
Form/Format	Tris-buffered saline, pH 7.3, 0.5% BSA, 0.02% sodium azide
Sequence Length	477
Applicable Applications for anti-TRIM72/MG53 antibody	WB (Western Blot), IHC (Immunohistochemistry), ELISA
Immunogen	Synthetic peptide C-RPQALSTNLQ from an internal region of human TRIM72 (NP_001008275.1). Percent identity by BLAST analysis: Human, Gorilla, Gibbon, Monkey, Mouse, Rat, Hamster, Bovine, Bat, Rabbit (100%); Elephant, Dog, Horse (90%).
Conjugation	Unconjugated
Epitope	aa61-70
Preparation and Storage	Store at -20 degree C. Avoid freeze-thaw cycles.

IMAGES


WB (Western Blot)

TRIM72 antibody (0.01 ug/ml) staining of Mouse Heart lysate (35 ug protein/ml in RIPA buffer). Primary incubation was 1 hour. Detected by chemiluminescence.


IHC (Immunohistochemistry)

Anti-TRIM72/MG53 antibody IHC staining of human skeletal muscle. Immunohistochemistry of formalin-fixed, paraffin-embedded tissue after heat-induced antigen retrieval.

ADDITIONAL INFORMATION

Related Product Information for anti-TRIM72/MG53 antibody	Muscle-specific protein that plays a central role in cell membranerepair by nucleating the assembly of the repair machinery at injurysites. Specifically binds phosphatidylserine. Acts as a sensor ofoxidation: upon membrane damage, entry of extracellular oxidativeenvironment results in disulfide bond formation and homooligomerizationat the injury site.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	270265876
NCBI GeneID	493829
NCBI Accession #	NP_001008275.2
NCBI GenBank Nucleotide #	NM_001008274.3
UniProt Accession #	Q6ZMU5; Q8N4X6; Q8NBD9
Molecular Weight	29,501 Da
NCBI Official Full Name	tripartite motif-containing protein 72
NCBI Official Synonym Full Names	tripartite motif containing 72
NCBI Official Symbol	TRIM72
NCBI Official Synonym Symbols	MG53
NCBI Protein Information	tripartite motif-containing protein 72
UniProt Protein Name	Tripartite motif-containing protein 72
UniProt Gene Name	TRIM72
UniProt Synonym Gene Names	Mg53

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/trim72-mg53-antibody-western-blot-immunohistochemistry-elisa/162270>