

Anti-TRIM72 / MG53 Antibody (aa61-70)
Goat Anti Human Polyclonal Antibody
Catalog # ALS17817**Specification**

Anti-TRIM72 / MG53 Antibody (aa61-70) - Product Information

Application	WB, IHC-P, E
Primary Accession	Q6ZMU5
Predicted	Human, Mouse, Rat, Rabbit, Hamster, Monkey, Bovine
Host	Goat
Clonality	Polyclonal
Calculated MW	52731

Anti-TRIM72 / MG53 Antibody (aa61-70) - Additional Information**Gene ID** 493829**Alias Symbol** **TRIM72****Other Names**

TRIM72, MG53, Tripartite motif containing 72, Tripartite motif-containing 72, Mitsugumin-53

Target/Specificity

Human TRIM72.

Reconstitution & Storage

Immunoaffinity purified

Precautions

Anti-TRIM72 / MG53 Antibody (aa61-70) is for research use only and not for use in diagnostic or therapeutic procedures.

Anti-TRIM72 / MG53 Antibody (aa61-70) - Protein Information**Name** TRIM72 ([HGNC:32671](#))**Synonyms** MG53**Function**

Muscle-specific protein that plays a central role in cell membrane repair by nucleating the assembly of the repair machinery at injury sites. Specifically binds phosphatidylserine. Acts as a sensor of oxidation: upon membrane damage, entry of extracellular oxidative environment results in disulfide bond formation and homooligomerization at the injury site. This oligomerization acts as a nucleation site for recruitment of TRIM72-containing vesicles to the injury site, leading to membrane patch formation. Probably acts upstream of the Ca(2+)- dependent membrane resealing process. Required for transport of DYSF to sites of cell injury during repair patch formation. Regulates membrane budding and exocytosis. May be involved in the regulation of the mobility of KCNB1-containing endocytic vesicles (By similarity).

Cellular Location

Cell membrane, sarcolemma. Cytoplasmic vesicle membrane. Note=Tethered to plasma membrane and cytoplasmic vesicles via its interaction with phosphatidylserine.

Anti-TRIM72 / MG53 Antibody (aa61-70) - Protocols

Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

Anti-TRIM72 / MG53 Antibody (aa61-70) - Images