

Goat anti-TRIM72, Biotinylated Antibody
Peptide-affinity purified goat antibody
Catalog # AF4481a

Specification

Goat anti-TRIM72, Biotinylated Antibody - Product Information

Application	WB, Pep-ELISA
Primary Accession	O6ZMU5
Other Accession	NP_001008275.1
Reactivity	Human, Mouse, Rat, Dog, Bovine
Host	Goat
Clonality	Polyclonal
Calculated MW	52731

Goat anti-TRIM72, Biotinylated Antibody - Additional Information

Gene ID 493829

Other Names

TRIM72; tripartite motif-containing 72

Format

Supplied at 0.5 mg/ml in Tris saline, 0.02% sodium azide, pH7.3 with 0.5% bovine serum albumin. Aliquot and store at -20°C. Minimize freezing and thawing.

Storage

Maintain refrigerated at 2-8°C for up to 6 months. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles.

Precautions

Goat anti-TRIM72, Biotinylated Antibody is for research use only and not for use in diagnostic or therapeutic procedures.

Goat anti-TRIM72, Biotinylated Antibody - 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.

Goat anti-TRIM72, Biotinylated Antibody - 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](#)

Goat anti-TRIM72, Biotinylated Antibody - Images