

## Rabbit anti-Human TRIM72 Polyclonal Antibody | anti-TRIM72 antibody

TRIM72 Antibody (C-term)

| CATALOG # | HOST   | REACTIVITY | APPLICATIONS                              |
|-----------|--------|------------|-------------------------------------------|
| AAA284196 | Rabbit | Human      | Immunohistochemistry, ELISA, Western Blot |

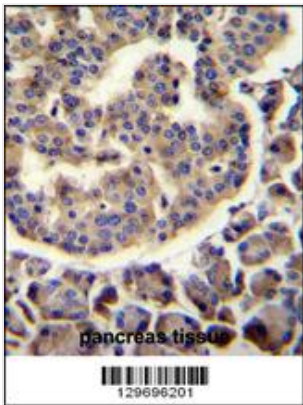
### PRODUCT SYNONYMS

TRIM72; Polyclonal Antibody; TRIM72 Antibody (C-term); Tripartite motif-containing protein 72; Mitsugumin-53; Mg53; TRIM72 HGNC:32671); MG53; anti-TRIM72 antibody

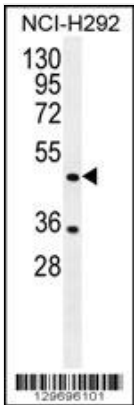
### PRODUCT SPECIFICATIONS

|                                                  |                                                                                                                                                                              |
|--------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Host                                             | Rabbit                                                                                                                                                                       |
| Reactivity                                       | Human                                                                                                                                                                        |
| Clonality                                        | Polyclonal                                                                                                                                                                   |
| Isotype                                          | Rabbit Ig                                                                                                                                                                    |
| Specificity                                      | This TRIM72 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 299-327 amino acids from the C-terminal region of human TRIM72.     |
| 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: 0.35 (varies by lot)                                                                                                                                     |
| Sequence Positions                               | 299-327                                                                                                                                                                      |
| Sequence Length                                  | 477                                                                                                                                                                          |
| Applicable Applications for anti-TRIM72 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)**  
TRIM72 Antibody (C-term) immunohistochemistry analysis in formalin fixed and paraffin embedded human pancreas tissue followed by peroxidase conjugation of the secondary antibody and DAB staining.This data demonstrates the use of TRIM72 Antibody (C-term) for immunohistochemistry. Clinical relevance has not been evaluated.



**WB (Western Blot)**  
TRIM72 Antibody (C-term) western blot analysis in NCI-H292 cell line lysates (35ug/lane).This demonstrates the TRIM72 antibody detected the TRIM72 protein (arrow).

ADDITIONAL INFORMATION

|                                                      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
|------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Related Product Information for anti-TRIM72 antibody | TRIM72 is a 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). |
| Product Categories/Family for anti-TRIM72 antibody   | Cell Biology; Signal transduction                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |
| References                                           | Park, E.Y., et al. Proteins 78(3):790-795(2010)<br>Han, S., et al. Hum. Mol. Genet. 18(6):1171-1180(2009)<br>Martin, J., et al. Nature 432(7020):988-994(2004)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |

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                 | 52731                                                       |
| NCBI Official Full Name          | tripartite motif-containing protein 72                      |
| NCBI Official Synonym Full Names | tripartite motif containing 72, E3 ubiquitin protein ligase |
| 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        |
| UniProt Entry Name         | TRI72_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/trim72-antibody-immunohistochemistry-western-blot-elisa/284196>