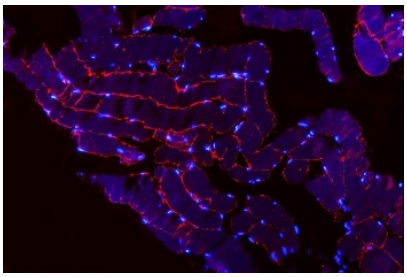
TRIM72 Antibody (RQ7461)

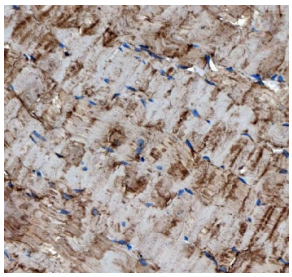
Catalog No.	Formulation	Size
RQ7461	0.5mg/ml if reconstituted with 0.2ml sterile DI water	100 ug

Bulk quote request

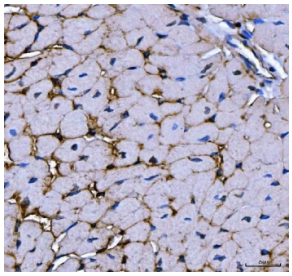
Availability	1-3 business days
Species Reactivity	Human, Mouse, Rat
Format	Antigen affinity purified
Clonality	Polyclonal (rabbit origin)
Isotype	Rabbit IgG
Purity	Antigen affinity purified
Buffer	Lyophilized from 1X PBS with 2% Trehalose
UniProt	Q6ZMU5
Localization	Cell membrane
Applications	Western Blot : 0.5-1ug/ml Immunohistochemistry (FFPE) : 2-5ug/ml Immunofluorescence : 5ug/ml Flow Cytometry : 1-3ug/million cells Direct ELISA : 0.1-0.5ug/ml
Limitations	This TRIM72 antibody is available for research use only.



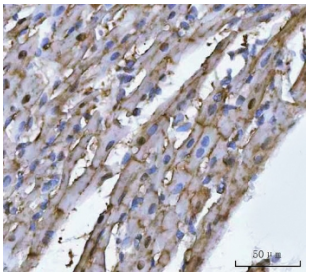
Immunofluorescent staining of FFPE human skeletal muscle tissue with TRIM72 antibody (red) and DAPI nuclear stain (blue). HIER: steam section in pH8 EDTA buffer for 20 min.



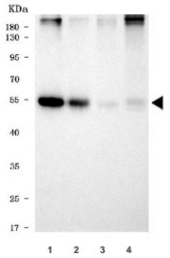
IHC staining of FFPE human skeletal muscle tissue with TRIM72 antibody. HIER: boil tissue sections in pH8 EDTA for 20 min and allow to cool before testing.



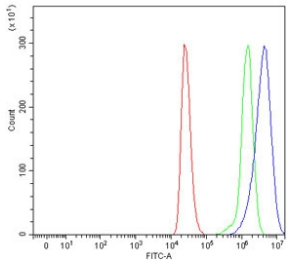
IHC staining of FFPE mouse cardiac muscle tissue with TRIM72 antibody. HIER: boil tissue sections in pH8 EDTA for 20 min and allow to cool before testing.



IHC staining of FFPE rat heart tissue with TRIM72 antibody. HIER: boil tissue sections in pH8 EDTA for 20 min and allow to cool before testing.



Western blot testing of 1) rat skeletal muscle, 2) rat heart, 3) mouse skeletal muscle and 4) mouse heart tissue lysate with TRIM72 antibody. Predicted molecular weight ~52 kDa.



Flow cytometry testing of human ThP-1 cells with TRIM72 antibody at 1ug/million cells (blocked with goat sera); Red=cells alone, Green=isotype control, Blue= TRIM72 antibody.

Description

Enables identical protein binding activity. Predicted to be involved in several processes, including cellular protein metabolic process; plasma membrane repair; and protein homooligomerization. Predicted to act upstream of or within negative regulation of insulin receptor signaling pathway; negative regulation of insulin-like growth factor receptor signaling pathway; and negative regulation of myotube differentiation. Predicted to be located in cytoplasmic vesicle membrane. Predicted to be active in cytoplasm and sarcolemma.

Application Notes

Optimal dilution of the TRIM72 antibody should be determined by the researcher.

Immunogen

E. coli-derived recombinant human protein (amino acids E28-A477) was used as the immunogen for the TRIM72 antibody.

Storage

After reconstitution, the TRIM72 antibody can be stored for up to one month at 4oC. For long-term, aliquot and store at -20oC. Avoid repeated freezing and thawing.