

For Research Use Only

# TRIM63 Recombinant antibody, PBS Only

Catalog Number: 82345-4-PBS



## Basic Information

Catalog Number:

82345-4-PBS

Size:

100ug, Concentration: 1 mg/ml by Nanodrop;

Source:

Rabbit

Isotype:

IgG

GenBank Accession Number:

NM\_032588

GeneID (NCBI):

84676

UNIPROT ID:

Q969Q1

Full Name:

tripartite motif-containing 63

Calculated MW:

40 kDa

Observed MW:

40 kDa

Purification Method:

Protein A purification

CloneNo.:

242055A4

## Applications

Tested Applications:

WB, Indirect ELISA

Species Specificity:

human

## Background Information

TRIM63, also named as IRF, MURF1, RNF28 and SMRZ, is E3 ubiquitin ligase. It regulates proteasomal degradation of cardiac troponin I/TNNI3 and probably of other sarcomeric-associated proteins. TRIM63 may play a role in striated muscle atrophy and hypertrophy by regulating an anti-hypertrophic PKC-mediated signaling pathway. It may regulate the organization of myofibrils through TTN in muscle cells. TRIM63 is in muscle-specific expression.

## Storage

Storage:

Store at -80°C.

Storage Buffer:

PBS Only

For technical support and original validation data for this product please contact:

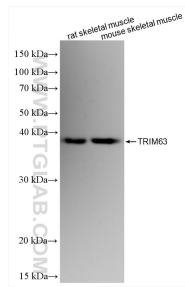
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## Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 82345-4-RR (TRIM63 antibody) at dilution of 1:1000 incubated at room temperature for 1.5 hours. This data was developed using the same antibody clone with 82345-4-PBS in a different storage buffer formulation.