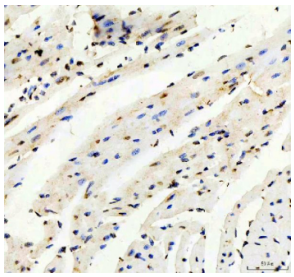
TRIM63 Antibody / MURF1 (RQ5846)

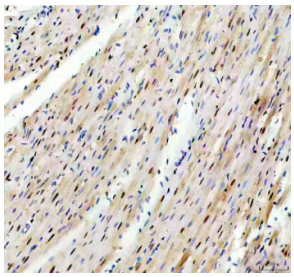
Catalog No.	Formulation	Size
RQ5846	0.5mg/ml if reconstituted with 0.2ml sterile DI water	100 ug

Bulk quote request

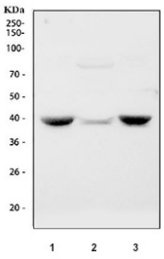
Availability	1-3 business days
Species Reactivity	Human, Mouse, Rat
Format	Antigen affinity purified
Host	Rabbit
Clonality	Polyclonal (rabbit origin)
Isotype	Rabbit IgG
Purity	Affinity purified
Buffer	Lyophilized from 1X PBS with 2% Trehalose
UniProt	Q969Q1
Localization	Cytoplasm, nucleus
Applications	Western blot: 0.5-1ug/ml Immunohistochemistry (FFPE): 2-5ug/ml Direct ELISA: 0.1-0.5ug/ml
Limitations	This TRIM63 antibody is available for research use only.



IHC staining of FFPE mouse heart tissue with TRIM63 antibody, HRP-secondary and DAB substrate. HIER: boil tissue sections in pH8 EDTA for 20 min and allow to cool before testing.



IHC staining of FFPE rat heart tissue with TRIM63 antibody, HRP-secondary and DAB substrate. 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 and 3) mouse skeletal muscle tissue lysate with TRIM63 antibody. Predicted molecular weight ~40 kDa.

Description

E3 ubiquitin-protein ligase TRIM63 is an enzyme that in humans is encoded by the TRIM63 gene. This gene encodes a member of the RING zinc finger protein family found in striated muscle and iris. The product of this gene is an E3 ubiquitin ligase that localizes to the Z-line and M-line lattices of myofibrils. This protein plays an important role in the atrophy of skeletal and cardiac muscle and is required for the degradation of myosin heavy chain proteins, myosin light chain, myosin binding protein, and for muscle-type creatine kinase.

Application Notes

Optimal dilution of the TRIM63 antibody should be determined by the researcher.

Immunogen

Recombinant human protein (amino acids D2-E329) was used as the immunogen for the TRIM63 antibody.

Storage

After reconstitution, the TRIM63 antibody can be stored for up to one month at 4oC. For long-term, aliquot and store at -20oC. Avoid repeated freezing and thawing.

Ordering: Phone: 858.663.9055 | Fax: 1.267.821.0800 | Email: info@nsjbio.com
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