

## anti- TRIM63 antibody

### Product Information

Catalog No.:	FNab08992
Size:	100µg
Form:	liquid
Purification:	Immunogen affinity purified
Purity:	≥95% as determined by SDS-PAGE
Host:	Rabbit
Clonality:	polyclonal
Clone ID:	None
IsoType:	IgG
Storage:	PBS with 0.02% sodium azide and 50% glycerol pH 7.3, -20°C for 12 months (Avoid repeated freeze / thaw cycles.)

### Background

E3 ubiquitin ligase. Mediates the ubiquitination and subsequent proteasomal degradation of CKM, GMEB1 and HIBADH. Regulates the proteasomal degradation of muscle proteins under amino acid starvation, where muscle protein is catabolized to provide other organs with amino acids. Inhibits de novo skeletal muscle protein synthesis under amino acid starvation. Regulates proteasomal degradation of cardiac troponin I/TNNI3 and probably of other sarcomeric-associated proteins. May play a role in striated muscle atrophy and hypertrophy by regulating an anti-hypertrophic PKC-mediated signaling pathway. May regulate the organization of myofibrils through TTN in muscle cells.

### Immunogen information

Immunogen:	tripartite motif-containing 63
Synonyms:	FLJ32380, IRF, Iris RING finger protein, MuRF 1, MURF1, MURF2, RING finger protein 28, RNF28, SMRZ, TRIM63, tripartite motif containing 63
Observed MW:	40 kDa
UniprotID :	Q969Q1

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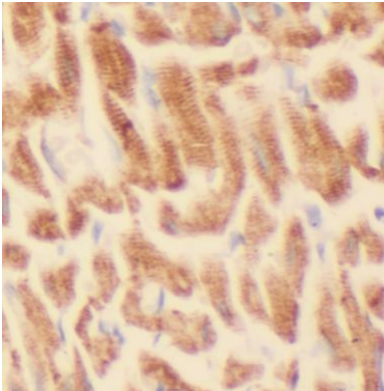
**Application**

Reactivity: Human, Mouse, Rat

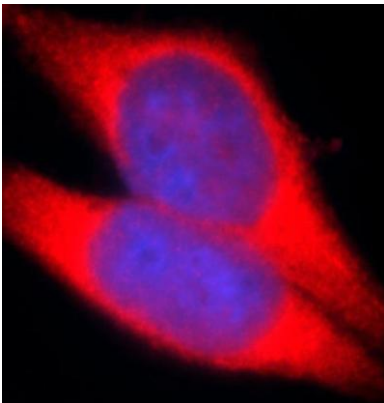
Tested Application: ELISA, WB, IHC, IF

Recommended dilution: WB: 1:200-1:1000; IHC: 1:20-1:200; IF: 1:10-1:100

Image:



Immunohistochemistry of paraffin-embedded human heart using FNab08992 (TRIM63 antibody) at dilution of 1:50



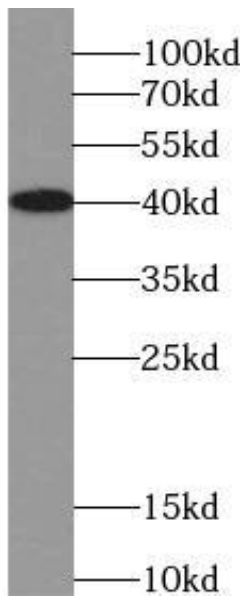
Immunofluorescent analysis of HeLa cells using FNab08992 (TRIM63 antibody) at dilution of 1:25 and Rhodamine-Goat anti-Rabbit IgG

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mouse heart tissue were subjected to SDS PAGE followed by western blot with FNab08992(TRIM63 antibody) at dilution of 1:300