

Nur für Forschungszwecke

# TRIM63 Polyklonaler Antikörper

Katalog-Nr.: 55456-1-AP

Vorgestelltes Produkt

54 Publikationen



## Allgemeine Informationen

<b>Katalog-Nr.:</b> 55456-1-AP	<b>GenBank-Zugangsnummer:</b> NM_032588	<b>Reinigungsmethode:</b> Antigen-Affinitätsreinigung
<b>Größe:</b> 150ul, Konzentration: 700 µg/ml von Nanodrop;	<b>GeneID (NCBI):</b> 84676	<b>Empfohlene Verdünnungen:</b> WB 1:1000-1:6000 IHC 1:20-1:200 IF 1:10-1:100
<b>Wirt:</b> Kaninchen	<b>Vollständiger Name:</b> tripartite motif-containing 63	
<b>Isotyp:</b> IgG	<b>Berechnete Masse:</b> 40 kDa	
	<b>Beobachtete Masse:</b> 40-45 kDa	

## Anwendungen

### Geprüfte Anwendungen:

IF, IHC, WB, ELISA

### In Publikationen genannte Anwendungen:

IHC, WB

### Getestete Reaktivität:

Human, Maus, Ratte

### Zitierte Arten:

Hausschwein, Huhn, Human, Maus, Ratte, Zebrafisch

**Hinweis-IHC: Antigendemaskierung mit TE-Puffer pH 9,0 empfohlen. (\*) Wahlweise kann die Antigendemaskierung auch mit Citratpuffer pH 6,0 erfolgen.**

### Positivkontrollen:

**WB:** Maus-Skelettmuskelgewebe, Mausherzgewebe, Ratten-Skelettmuskelgewebe

**IHC:** humanes Herzgewebe, humanes Skelettmuskelgewebe, Mausherzgewebe, Maus-Skelettmuskelgewebe, Rattenhirngewebe

**IF:** HeLa-Zellen,

## Hintergrundinformationen

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. This antibody is specific to TRIM63.

## Bemerkenswerte Veröffentlichungen

Verfasser	Pubmed ID	Journal	Anwendung
Wenliang Zhang	34580406	Sci Rep	WB
Manfeng Wang	32964508	Exp Physiol	WB
Huiquan Liu	31615487	BMC Complement Altern Med	WB

## Lagerung

### Lagerungsbedingungen:

Bei -20°C lagern. Nach dem Versand ein Jahr lang stabil

### Lagerungspuffer:

PBS mit 0.02% Natriumazid und 50% Glycerin pH 7.3.

Aliquotieren ist nicht notwendig bei -20°C Lagerung

\*\*\* 20ul-Größen enthalten 0.1% BSA

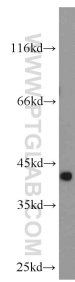
For technical support and original validation data for this product please contact:

T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)

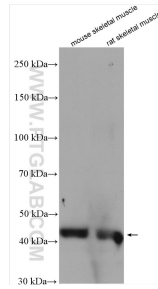
E: proteintech@ptglab.com  
W: ptglab.com

This product is exclusively available under Proteintech Group brand and is not available to purchase from any other manufacturer.

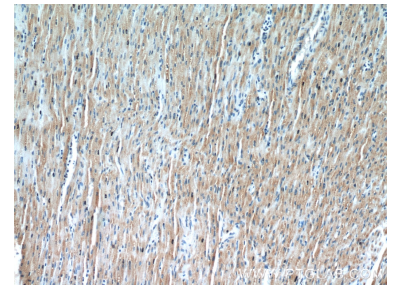
## Ausgewählte Validierungsdaten



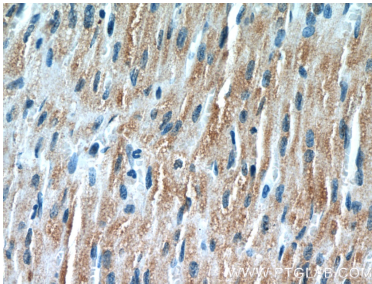
mouse heart tissue were subjected to SDS PAGE followed by western blot with 55456-1-AP (TRIM63 antibody) at dilution of 1:300 incubated at room temperature for 1.5 hours.



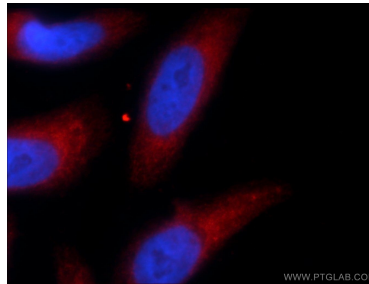
Various lysates were subjected to SDS PAGE followed by western blot with 55456-1-AP (TRIM63 antibody) at dilution of 1:3000 incubated at room temperature for 1.5 hours.



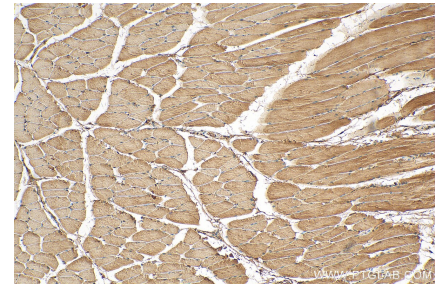
Immunohistochemical analysis of paraffin-embedded human heart using 55456-1-AP (TRIM63 antibody) at dilution of 1:50 (under 10x lens).



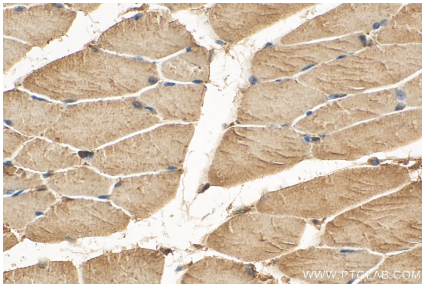
Immunohistochemical analysis of paraffin-embedded human heart using 55456-1-AP (TRIM63 antibody) at dilution of 1:50 (under 40x lens).



Immunofluorescent analysis of HeLa cells using 55456-1-AP (TRIM63 antibody) at dilution of 1:25 and Rhodamine-Goat anti-Rabbit IgG.



Immunohistochemical analysis of paraffin-embedded mouse skeletal muscle tissue slide using 55456-1-AP (TRIM63 antibody) at dilution of 1:200 (under 10x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



Immunohistochemical analysis of paraffin-embedded mouse skeletal muscle tissue slide using 55456-1-AP (TRIM63 antibody) at dilution of 1:200 (under 40x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).