

Datasheet for ABIN741750
anti-TRIM63 antibody (AA 251-353)[Go to Product page](#)

1 Image

2 Publications

Overview

Quantity:	100 µL
Target:	TRIM63
Binding Specificity:	AA 251-353
Reactivity:	Human, Mouse, Rat
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This TRIM63 antibody is un-conjugated
Application:	Western Blotting (WB), ELISA, Flow Cytometry (FACS), Immunofluorescence (Cultured Cells) (IF (cc)), Immunofluorescence (Paraffin-embedded Sections) (IF (p)), Immunohistochemistry (Paraffin-embedded Sections) (IHC (p)), Immunohistochemistry (Frozen Sections) (IHC (fro))

Product Details

Immunogen:	KLH conjugated synthetic peptide derived from human MuRF1/Trim63
Isotype:	IgG
Cross-Reactivity:	Human, Mouse, Rat
Predicted Reactivity:	Cow,Pig,Horse,Rabbit
Purification:	Purified by Protein A.

Target Details

Target:	TRIM63
---------	--------

Target Details

Alternative Name:	MuRF1/Trim63 (TRIM63 Products)
Background:	<p>Synonyms: MuRF 1, MuRF-1, Muscle-specic RING finger protein 1, Muscle-specific RING finger protein 1, E3 ubiquitin-protein ligase TRIM63, FLJ32380, IRF, MURF1, MURF 1, MURF2, RNF28, SMRZ, Iris ring finger protein, Muscle specic ring finger protein 2, Ring finger protein 28, RNF28, SMRZ, Striated muscle RING zinc finger protein, TRIM 63, TRIM63, Tripartite mot containing 63, Tripartite mot containing protein 63, Ubiquitin ligase TRIM63.</p> <p>Background: This gene encodes a member of the RING zinc finger protein family found in striated muscle and iris. The product of this gene is localized to the Z-line and M-line lattices of myofibrils, where titin's N-terminal and C-terminal regions respectively bind to the sarcomere. In vitro binding studies have shown that this protein also binds directly to titin near the region of titin containing kinase activity. Another member of this protein family binds to microtubules. Since these family members can form heterodimers, this suggests that these proteins may serve as a link between titin kinase and microtubule-dependent signal pathways in muscle. [provided by RefSeq].</p>
Gene ID:	84676

Application Details

Application Notes:	WB 1:300-5000 ELISA 1:500-1000 FCM 1:20-100 IHC-P 1:200-400 IHC-F 1:100-500 IF(IHC-P) 1:50-200 IF(IHC-F) 1:50-200 IF(ICC) 1:50-200
Restrictions:	For Research Use only

Handling

Format:	Liquid
Concentration:	1 µg/µL
Buffer:	0.01M TBS(pH 7.4) with 1 % BSA, 0.02 % Proclin300 and 50 % Glycerol.
Preservative:	ProClin

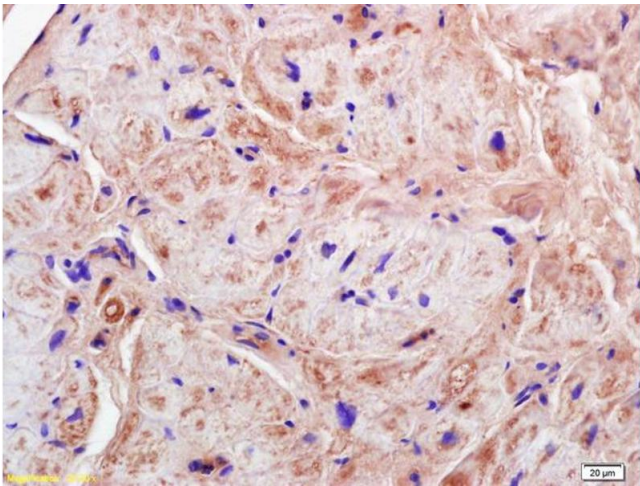
Handling

Precaution of Use:	This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE, which should be handled by trained staff only.
Storage:	4 °C, -20 °C
Storage Comment:	Shipped at 4°C. Store at -20°C for one year. Avoid repeated freeze/thaw cycles.
Expiry Date:	12 months

Publications

Product cited in:	<p>Lu, Wang, Xie, Zhang, Sun: "Tumor necrosis factor-like weak inducer of apoptosis regulates quadriceps muscle atrophy and fiber-type alteration in a rat model of chronic obstructive pulmonary disease." in: Tobacco induced diseases, Vol. 15, pp. 43, (2017) (PubMed).</p> <p>Lin, Hanson, Betik, Brennan-Speranza, Hayes, Levinger: "Hindlimb Immobilization, But Not Castration, Induces Reduction of Undercarboxylated Osteocalcin Associated With Muscle Atrophy in Rats." in: Journal of bone and mineral research : the official journal of the American Society for Bone and Mineral Research, Vol. 31, Issue 11, pp. 1967-1978, (2016) (PubMed).</p>
-------------------	---

Images



Immunohistochemistry

Image 1. Formalin-fixed and paraffin embedded human colon carcinoma labeled with Anti-MuRF1/Trim63 Polyclonal Antibody, Unconjugated (ABIN741750) at 1:200 followed by conjugation to the secondary antibody and DAB staining.