

## TRIM63 Ab

[References\(1\)](#) [Images\(2\)](#)

Cat.#: DF7187  
Size:

Concn.: ~1mg/ml  
Source: Rabbit

Mol.Wt.: 40kDa  
Clonality: Polyclonal

Application:

WB 1:500-1:2000, IHC 1:50-1:100, IF/ICC 1:100-1:500  
\*The optimal dilutions should be determined by the end user.

Reactivity:

Human,Mouse,Rat

Storage:

Rabbit IgG in phosphate buffered saline , pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol. Store at -20 °C. Stable for 12 months from date of receipt.

Purification:

The antiserum was purified by peptide affinity chromatography using SulfoLink™ Coupling Resin (Thermo Fisher Scientific).

Immunogen:

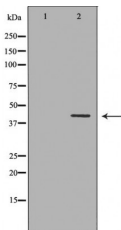
A synthesized peptide derived from human TRIM63, corresponding to a region within N-terminal amino acids.

Uniprot:

Q969Q1

Description:

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.



Western blot analysis of extracts from mouse fetal muscle , using TRIM63Ab. The lane on the left was treated with the antigen-specific peptide.



DF7187 staining HeLa cells by IF/ICC. The sample were fixed with PFA and permeabilized in 0.1% Triton X-100,then blocked in 10% serum for 45 minutes at 25°C. The primary Ab was diluted at 1/200 and incubated with the sample for 1 hour at 37°C. An Alexa Fluor 594 conjugated goat anti-rabbit IgG (H+L) Ab(Red), diluted at 1/600 was used as secondary Ab.

**IMPORTANT:** For western blot, incubate membrane with diluted primary Ab

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in 5% w/v milk , 1X TBS, 0.1% Tween@20 at 4°C with gentle shaking,  
overnight.

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