

# IHC*easy* TRIM63 Ready-To-Use IHC Kit

Catalog Number: **KHC0330**

## General Information

**Sample type:**  
FFPE tissue

**Cited sample type:**

**Reactivity:**  
Human, Mouse, Rat

**Cited Reactivity:**

**Assay type:**  
Immunohistochemistry

**Primary antibody type:**  
Rabbit Polyclonal

**Secondary antibody type:**  
Polymer-HRP-Goat anti-Rabbit

## Kit Component

Component	Size	Concentration
Antigen Retrieval Buffer	100 mL	50×
Washing Buffer	100 mL ×2	20×
Blocking Buffer	5 mL	RTU
Primary Antibody	5 mL	RTU
Secondary Antibody	5 mL	RTU
Chromogen Component A	0.2 mL	RTU
Chromogen Component B	4 mL	RTU
Signal Enhancer	5 mL	RTU
Counter Staining Reagent	5 mL	RTU
Mounting Media	5 mL	RTU
Control Slide	1 slide (Optional)	FFPE
Datasheet	1 Copy	
Manual	1 Copy	

## Storage Instructions

All the reagents are stored at 2-8°C. The kit is stable for 6 months from the date of receipt.

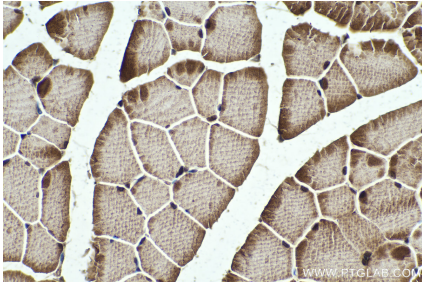
## Background

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.

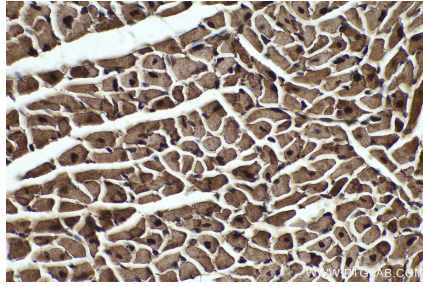
## Synonyms

IRF, Iris RING finger protein, MuRF 1, MURF1, MURF2, RING finger protein 28, RNF28, SMRZ, TRIM63, tripartite motif containing 63

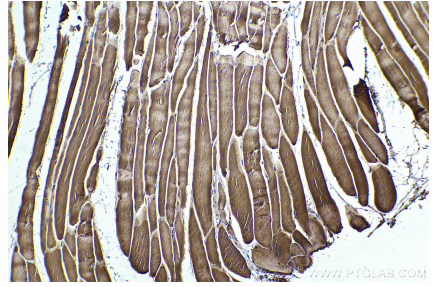
## Selected Validation Data



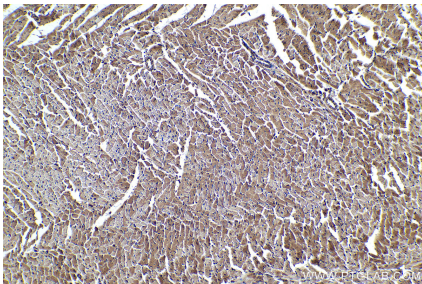
Immunohistochemical analysis of paraffin-embedded mouse skeletal muscle tissue slide using KHC0330 (TRIM63 IHC Kit).



Immunohistochemical analysis of paraffin-embedded mouse heart tissue slide using KHC0330 (TRIM63 IHC Kit).



Immunohistochemical analysis of paraffin-embedded rat skeletal muscle tissue slide using KHC0330 (TRIM63 IHC Kit).



Immunohistochemical analysis of paraffin-embedded rat heart tissue slide using KHC0330 (TRIM63 IHC Kit).