

MURF1 / IRF Antibody (Internal)
Goat Polyclonal Antibody
Catalog # ALS11891**Specification**

MURF1 / IRF Antibody (Internal) - Product Information

Application	IHC
Primary Accession	O96901
Reactivity	Human, Monkey
Host	Goat
Clonality	Polyclonal
Calculated MW	40kDa KDa

MURF1 / IRF Antibody (Internal) - Additional Information**Gene ID** 84676**Other Names**

E3 ubiquitin-protein ligase TRIM63, 6.3.2.-, Iris RING finger protein, Muscle-specific RING finger protein 1, MuRF-1, MuRF1, RING finger protein 28, Striated muscle RING zinc finger protein, Tripartite motif-containing protein 63, TRIM63, IRF, MURF1, RNF28, SMRZ

Target/Specificity

Human TRIM63 / MURF1.

Reconstitution & Storage

Store at -20°C. Minimize freezing and thawing.

Precautions

MURF1 / IRF Antibody (Internal) is for research use only and not for use in diagnostic or therapeutic procedures.

MURF1 / IRF Antibody (Internal) - Protein Information**Name** TRIM63**Synonyms** IRF, MURF1, RNF28, SMRZ**Function**

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.

Cellular Location

Cytoplasm. Nucleus. Cytoplasm, myofibril, sarcomere, M line. Cytoplasm, myofibril, sarcomere, Z line Note=Colocalizes with TNNI3 in myocytes (By similarity). Localizes to the M- and Z-lines in skeletal muscle.

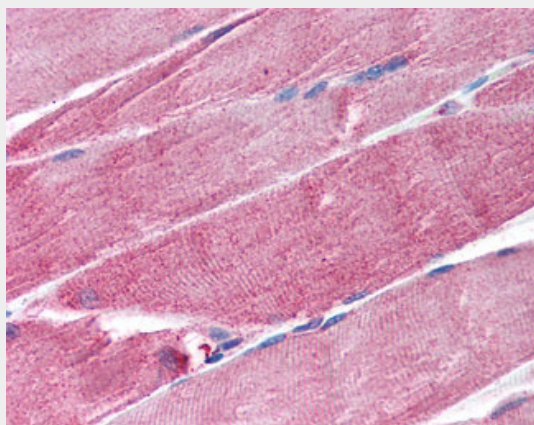
Tissue Location

Muscle specific. Selectively expressed in heart and skeletal muscle. Also expressed in the iris

MURF1 / IRF Antibody (Internal) - Protocols

Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

MURF1 / IRF Antibody (Internal) - Images

Anti-TRIM63 / MURF1 antibody IHC of human skeletal muscle.

MURF1 / IRF Antibody (Internal) - Background

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MURF1 / IRF Antibody (Internal) - References

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