

## Product datasheet

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# ARG40365 anti-TRIM55 / MURF2 antibody

Package: 100 μl Store at: -20°C

#### **Summary**

Product Description Rabbit Polyclonal antibody recognizes TRIM55 / MURF2

Tested Reactivity Hu

Tested Application WB

Host Rabbit

Clonality Polyclonal

Isotype IgG

Target Name TRIM55 / MURF2

Species Human

Immunogen KLH-conjugated synthetic peptide between aa. 295-329 of Human TRIM55.

Conjugation Un-conjugated

Alternate Names Muscle-specific RING finger protein 2; muRF2; MuRF-2; MURF-2; RNF29; MuRF2; RING finger protein

29; Tripartite motif-containing protein 55

### **Application Instructions**

Application table	Application	Dilution
	WB	1:2000
Application Note	* The dilutions indicate recommended starting dilutions and the optimal dilutions or concentrations should be determined by the scientist.	
Positive Control	Human liver	
Observed Size	~ 65 kDa	

#### **Properties**

Form Liquid

Purification Purification with Protein A and immunogen peptide.

Buffer PBS and 0.09% (W/V) Sodium azide.

Preservative 0.09% (W/V) Sodium azide.

Storage instruction For continuous use, store undiluted antibody at 2-8°C for up to a week. For long-term storage, aliquot

and store at -20°C or below. Storage in frost free freezers is not recommended. Avoid repeated freeze/thaw cycles. Suggest spin the vial prior to opening. The antibody solution should be gently mixed

before use.

Note For laboratory research only, not for drug, diagnostic or other use.

#### Bioinformation

Gene Symbol TRIM55

Gene Full Name tripartite motif containing 55

Background The protein encoded by this gene contains a RING zinc finger, a motif known to be involved in protein-

protein interactions. This protein associates transiently with microtubules, myosin, and titin during muscle sarcomere assembly. It may act as a transient adaptor and plays a regulatory role in the assembly of sarcomeres. Four alternatively spliced transcript variants encoding distinct isoforms have

been described. [provided by RefSeq, Jul 2008]

Function May regulate gene expression and protein turnover in muscle cells. [UniProt]

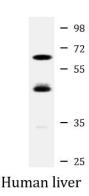
Calculated Mw 60 kDa

Cellular Localization Cytoplasm. Nucleus. Note=Nuclear under atrophic conditions and upon mechanical signals. Localizes to

the sarcomeric M-band in cardiomyocytes. Colocalizes in part with microtubules (By similarity).

[UniProt]

#### **Images**



#### ARG40365 anti-TRIM55 / MURF2 antibody WB image

Western blot: 20  $\mu g$  of Human liver lysate stained with ARG40365 anti-TRIM55 / MURF2 antibody at 1:2000 dilution.