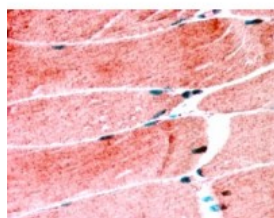




## MURF1 Antibody

CATALOG NUMBER: 45-917



Immunohistochemistry (1.25ug/ml)  
staining of paraffin embedded Human  
Skeletal Muscle. Steamed antigen retrieval  
with citrate buffer pH 6, AP-staining.

### Specifications

<b>SPECIES REACTIVITY:</b>	Human
<b>TESTED APPLICATIONS:</b>	ELISA, IHC-P
<b>APPLICATIONS:</b>	ELISA: antibody detection limit dilution 1:32000. Western Blot: Preliminary experiments gave an approx 60kDa band in Human Skeletal Muscle lysates after 0.1ug/ml antibody staining. Please note that currently we cannot find an explanation in the literature for the band we observe given the calculated size. Immunohistochemistry: In paraffin embedded Human Skeletal Muscle shows strong staining in rare nuclei, and weak staining of muscle fibres in longitudinal section.
<b>POSITIVE CONTROL:</b>	1) Cat. No. 1375 - Human Skeletal Muscle Tissue Lysate 2) Cat. No. 12-341 - Human Skeletal Muscle Tissue Slide
<b>IMMUNOGEN:</b>	MURF1 antibody was raised against a 13 amino acid synthetic peptide near the N-Terminus of MURF1.
<b>HOST SPECIES:</b>	Goat

### Properties

<b>PURIFICATION:</b>	MURF1 antibody was purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide.
<b>PHYSICAL STATE:</b>	Liquid
<b>BUFFER:</b>	MURF1 antibody is supplied in Tris saline, 0.02% sodium azide, pH 7.3 with 0.5% bovine serum albumin.
<b>CONCENTRATION:</b>	500 ug/mL
<b>STORAGE CONDITIONS:</b>	Aliquot and store at -20°C. Minimize freezing and thawing.
<b>CLONALITY:</b>	Polyclonal
<b>CONJUGATE:</b>	Unconjugated

### Additional Info

<b>ALTERNATE NAMES:</b>	RNF28, ring finger protein 28, IRF, SMRZ, MURF1, MURF2, MURF-1, FLJ32380, iris ring finger protein, muscle specific ring finger protein 2, striated muscle RING zinc finger protein, RNF28
<b>ACCESSION NO.:</b>	NP_115977.2

**PROTEIN GI NO.:** 19924163

**OFFICIAL SYMBOL:** TRIM63

**GENE ID:** 84676

### Background

**REFERENCES:** 1) Dai KS, Liew CC. A novel human striated muscle RING zinc finger protein, SMRZ, interacts with SMT3b via its RING domain. J Biol Chem. 2001 Jun 29;276(26):23992-9.

**FOR RESEARCH USE ONLY**

December 13, 2016