10320 Camino Santa Fe, Suite G
San Diego, CA 92121
Tel: 858.875.1900 Fax: 858.875.1999

MURF2 / TRIM55 Antibody (C-Term)

Peptide-affinity purified goat antibody
Catalog # AF2320a

Specification

MURF2 / TRIM55 Antibody (C-Term) - Product Information

Application	**WB**
Primary Accession	Q9BYV6
Other Accession	NP_908973.1, NP_908974.1, NP_908975.1, 84675, 381485 (mouse), 365751 (rat)
Reactivity	**Human, Mouse**
Predicted	**Rat, Pig, Dog**
Host	**Goat**
Clonality	**Polyclonal**
Concentration	**0.5 mg/ml**
Isotype	**IgG**
Calculated MW	**60466**

MURF2 / TRIM55 Antibody (C-Term) - Additional Information

Gene ID 84675

Other Names
Tripartite motif-containing protein 55, Muscle-specific RING finger protein 2, MuRF-2, MuRF2, RING finger protein 29, TRIM55, MURF2, RNF29

Format
0.5 mg/ml in Tris saline, 0.02% sodium azide, pH7.3 with 0.5% bovine serum albumin

Storage
Maintain refrigerated at 2-8°C for up to 6 months. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles.

Precautions
MURF2 / TRIM55 Antibody (C-Term) is for research use only and not for use in diagnostic or therapeutic procedures.

MURF2 / TRIM55 Antibody (C-Term) - Protein Information

Name TRIM55

Synonyms MURF2, RNF29

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

Cellular Location

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).

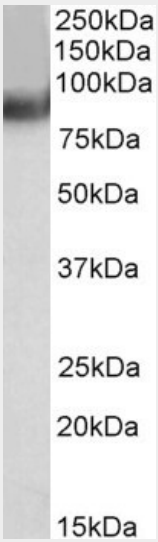
Tissue Location
Highly expressed in muscle. Low-level expression in liver.

MURF2 / TRIM55 Antibody (C-Term) - Protocols

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

- Western Blot
- Blocking Peptides
- Dot Blot
- Immunohistochemistry
- Immunofluorescence
- Immunoprecipitation
- Flow Cytomety
- Cell Culture

MURF2 / TRIM55 Antibody (C-Term) - Images



AF2320a (0.1 µg/ml) staining of Human Heart lysate (35 µg protein in RIPA buffer). Primary incubation was 1 hour. Detected by chemiluminescence.

MURF2 / TRIM55 Antibody (C-Term) - Background

This antibody is expected to recognize isoforms 1, 3 and 4 (NP_908973.1, NP_908974.1and NP_908975.1 resp.).

MURF2 / TRIM55 Antibody (C-Term) - References

Identification of muscle specific ring finger proteins as potential regulators of the titin kinase domain. Centner T, Yano J, Kimura E, McElhinny AS, Pelin K, Witt CC, Bang ML, Trombitas K, Granzier H, Gregorio CC, Sorimachi H, Labeit S. J Mol Biol. 2001 Mar 2;306(4):717-26. PMID: 11243782