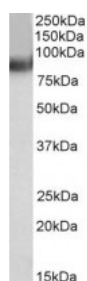




## MURF2 Antibody

CATALOG NUMBER: 45-919



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

### Specifications

<b>SPECIES REACTIVITY:</b>	Human, Mouse
<b>TESTED APPLICATIONS:</b>	ELISA, WB
<b>APPLICATIONS:</b>	ELISA: antibody detection limit dilution 1:16000. Western Blot: Approx 85kDa band observed in Human and Mouse Heart lysates (calculated MW of 60.5kDa according to NP_908973.1). The observed molecular weight corresponds to earlier findings in literature with the same antibody (Willis et al, Circ Res. 200
<b>SPECIFICITY:</b>	This antibody is expected to recognize isoforms 1, 3 and 4 (NP_908973.1, NP_908974.1 and NP_908975.1 resp.).
<b>IMMUNOGEN:</b>	MURF2 antibody was raised against a 13 amino acid synthetic peptide near the C-Terminus of MURF2.
<b>HOST SPECIES:</b>	Goat

### Properties

<b>PURIFICATION:</b>	MURF2 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>	MURF2 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>	RNF29, MURF-2, ring finger protein 29, for muscle specific ring finger 2, TRIM55, tripartite motif-containing 55, MURF2, RNF29
<b>ACCESSION NO.:</b>	NP_908973.1, NP_908974.1, NP_908975.1
<b>PROTEIN GI NO.:</b>	34878836
<b>OFFICIAL SYMBOL:</b>	TRIM55

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**GENE ID:** 84675

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**Background**

**REFERENCES:** 1) Centner T, Yano J, Kimura E, McElhinny AS, Pelin K, Witt CC, Bang ML, Trombitas K, Granzier H, Gregorio CC, Sorimachi H, Labeit S. Identification of muscle specific ring finger proteins as potential regulators of the titin kinase domain. J Mol Biol. 2001 Mar 2;306(4):717-26.

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**FOR RESEARCH USE ONLY**

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