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Research Use Only. Not for diagnostic or therapeutic use.

Storage: For long-term storage keep aliquots at -20°C. (Store no longer than 12 months at 4°C). Minimize freezing and thawing.

EB05879 - Goat Anti-MURF1 / TRIM63 (N Term) Antibody

Size: 100µg specific antibody in 200µl



Target Protein

Principal Names: muscle specific ring finger protein 1, tripartite motif-containing 63, striated muscle RING zinc finger protein, muscle specific ring finger protein 2, iris ring finger protein, FLJ32380, MURF2, SMRZ, IRF, ring finger protein 28, RNF28, MURF-1, MURF1, TRIM63

Official Symbol: TRIM63

Accession Number(s): NP_115977.2

Human GeneID(s): [84676](#)

Immunogen

Peptide with sequence DYKSSLIQDGNPM-C, from the N Terminus of the protein sequence according to NP_115977.2.

Please note the [peptide](#) is available for sale.

Purification and Storage

Purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide.

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

Aliquot and store at -20°C. Minimize freezing and thawing.

Applications Tested

Peptide ELISA: antibody detection limit dilution 1:32000.

Western blot: Preliminary experiments gave an approx 60kDa band in Human Skeletal Muscle lysates after 0.1µg/ml antibody staining. Please note that currently we cannot find an explanation in the literature for the band we observe given the calculated size of 40.2kDa according to NP_115977.2. The 60kDa band was successfully blocked by incubation with the immunizing peptide. We would appreciate any feedback from people in the field - have any results been reported with other antibodies/lysates? Have any further splice variants/modified forms been reported?

IHC: In paraffin embedded Human Skeletal Muscle shows strong staining in rare nuclei, and weak staining of muscle fibres in longitudinal section.

Species Reactivity

Tested: Human

Expected from sequence similarity: Human, Dog, Cow

Specific References

The goat polyclonal antibody used in this paper was manufactured by us:

Salanova M, Schiffli G, Püttmann B, Schoser BG, Blottner D.

Molecular biomarkers monitoring human skeletal muscle fibres and microvasculature following long-term bed rest with and without countermeasures.

J Anat. 2008 Mar;212(3):306-18.

PMID: 18221329

The goat polyclonal antibody used in this paper was manufactured by us:

de Palma L, Marinelli M, Pavan M, Orazi A.

Ubiquitin ligases MuRF1 and MAFbx in human skeletal muscle atrophy.

Joint Bone Spine. 2008 Jan;75(1):53-7.

PMID: 17977773

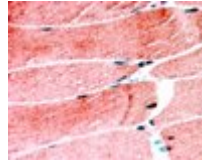
The goat polyclonal antibody used in this paper was manufactured by us:

Urso ML, Chen YW, Scrimgeour AG, Lee PC, Lee KF, Clarkson PM.

Alterations in mRNA expression and protein products following spinal cord injury in humans.

J Physiol. 2007 Mar 15;579(Pt 3):877-92.

PMID: 17218363



EB05879 (1.25µg/ml) staining of paraffin embedded Human Skeletal Muscle. Steamed antigen retrieval with citrate buffer pH 6, AP-staining.