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**Research Use Only. Not for
diagnostic or therapeutic use.**

EB05883 - Goat Anti-MURF3 / TRIM54 Antibody

Size: 100µg specific antibody in 200µl



Target Protein

Principal Names: TRIM54, MURF-3, tripartite motif-containing 54, RNF30, MURF, ring finger protein 30, muscle-specific RING-finger protein 3, muscle-specific RING-finger protein homolog, OTTHUMP00000122598

Official Symbol: TRIM54

Accession Number(s): NP_115935.3; NP_912730.2

Human GeneID(s): [57159](#)

Immunogen

Peptide with sequence C-GSAGPEEERPDGP, from the C Terminus of the protein sequence according to NP_115935.3; NP_912730.2.

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 1:8000.

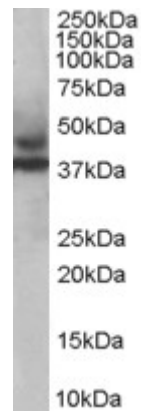
Western blot: Approx 45kDa and 38kDa bands observed in Human Muscle lysate after 1µg/ml antibody staining. These bands correspond to the reported isoforms with calculated MWs of 43.1kDa according to NP_115935, and 38.6kDa according to NP_912730. Recommended concentration: 1-3µg/ml.

IHC: Paraffin embedded Human Skeletal Muscle. Recommended concentration: 3.75µg/ml.

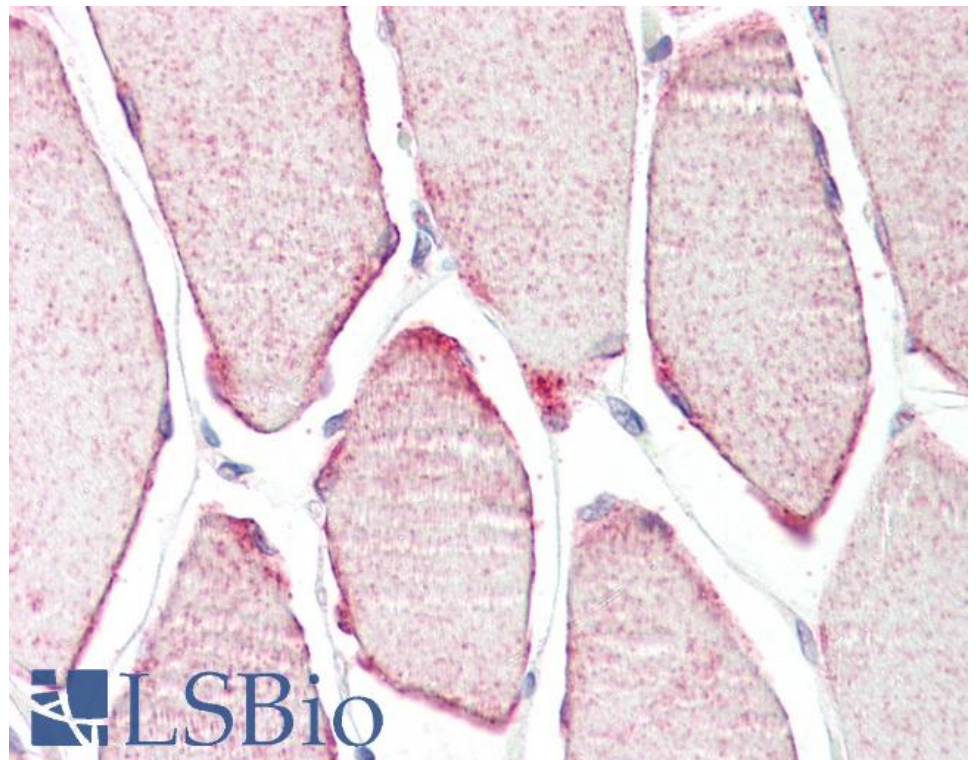
Species Reactivity

Tested: Human

Expected from sequence similarity: Human



EB05883 staining (1ug/ml) of Human Skeletal Muscle lysate (RIPA buffer, 35ug total protein per lane). Primary incubated for 1 hour. Detected by chemiluminescence.



EB05883 (3.75µg/ml) staining of paraffin embedded Human Skeletal Muscle. Steamed antigen retrieval with citrate buffer pH 6, AP-staining.