

**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.

EB05883 - Goat Anti-MURF3 / TRIM54 Antibody

Size: 100µg specific antibody in 200µl



Target Protein

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

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: Experiments gave bands at approx 45kDa and 38kDa in human skeletal 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.

Species Reactivity

Tested: Human

Expected from sequence similarity: Human, Dog

Specific References

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

Gregorio CC, Perry CN, McElhinny AS.

Functional properties of the titin/connectin-associated proteins, the muscle-specific RING finger proteins (MURFs), in striated muscle.

J Muscle Res Cell Motil. 2005;26(6-8):389-400.

PMID: 16477476

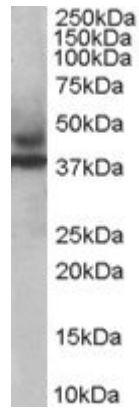
The goat polyclonal antibody used in this paper was manufactured by us:

Khal J, Wyke SM, Russell ST, Hine AV, Tisdale MJ.

Expression of the ubiquitin-proteasome pathway and muscle loss in experimental cancer cachexia.

Br J Cancer. 2005 Oct 3;93(7):774-80.

PMID: 16160695



EB05883 staining (1ug/ml) of human muscle lysate (RIPA buffer, 35ug total protein per lane). Primary incubated for 1 hour. Detected by western blot using chemiluminescence.