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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.

## 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

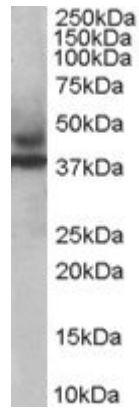
The goat polyclonal antibody used in this paper was manufactured by us:

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.