

Goat anti-MURF3 / TRIM54 Antibody

Item Number	dAP-0169
Target Molecule	Principle Name: MURF3 / TRIM54; Official Symbol: TRIM54; All Names and Symbols: 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; Accession Number (s): NP_115935.3; NP_912730.2; Human Gene ID(s): 57159; Non-Human GeneID(s):
Immunogen	GSAGPEEERPDPGP, is from C Terminus
Applications	Pep ELISA, WB, IHC Species Tested: Human
Purification	Purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide.
Supplied As	Lyophilized powder of 50ug or 100ug IgG; Reconstitute IgG with 100ul or 200ul sterile DI Water and final product will be formulated as 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.
Peptide ELISA	Peptide ELISA: antibody detection limit dilution 1 to 8000.
Western Blot	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
IHC	Immunohistochemistry: Paraffin embedded Human Skeletal Muscle. Recommended concentration: 3.75µg/ml.
Reference	Reference(s): 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. <i>J Mol Biol.</i> 2001 Mar 2;306(4):717-26.. PMID: 11243782 ->

Optimal dilutions should be determined by each laboratory for each application. The listed dilutions are for recommendation only and the final conditions should be optimized by the end users! This product is sold for **Research Use Only**