

Goat anti-GNIP / TRIM7 Antibody

Item Number	dAP-0200
Target Molecule	Principle Name: GNIP / TRIM7; Official Symbol: TRIM7; All Names and Symbols: TRIM7; GNIP1; RNF90; tripartite motif-containing 7; tripartite motif protein TRIM7; glycogenin-interacting protein 1; GNIP; glycogenin-interacting protein; Accession Number (s): NP_203128.1; Human Gene ID(s): 81786; Non-Human Gene-ID(s):
Immunogen	QAPAGPPWDITEA, 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 32000.
Western Blot	Western Blot: Approx 25-30kDa band observed in Human Skeletal Muscle lysate (predicted MW of 25kDa according to NP_203128). Recommended for use at 1µg/ml.
IHC	Immunohistochemistry: In paraffin embedded Human Skeletal Muscle shows pixulate staining in the fibres. Recommended concentration, 3-6µg/ml.
Reference	Reference(s): Skurat AV, Dietrich AD, Zhai L, Roach PJ. GNIP, a novel protein that binds and activates glycogenin, the self-glucosylating initiator of glycogen biosynthesis. J Biol Chem. 2002 May 31;277(22):19331-8.. PMID: 11916970 ->

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**