

Goat anti-TRIM72 Antibody

Item Number	dAP-2252
Target Molecule	Principle Name: TRIM72; Official Symbol: TRIM72; All Names and Symbols: TRIM72; tripartite motif-containing 72; Accession Number (s): NP_001008275.1; Human Gene ID(s): 493829; Non-Human GenelD (s): 434246 (mouse) 365377 (rat)
Immunogen	RPQALSTNLQ, is from internal region
Applications	Pep ELISA, WB, IHC Species Tested: Human, Mouse
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 16000.
Western Blot	Western Blot: Approx 52kDa band observed in Mouse Heart lysates (calculated MW of 52.8kDa according to Mouse NP_001073401.1). Recommended concentration: 0.01-0.03µg/ml. Primary incubation was 1 hour.
IHC	Immunohistochemistry: In paraffin embedded Human Skeletal Muscle shows staining of the fibre membranes, detached artificially by the sectioning. Recommended concentration: 3-5µg/ml.
Reference	Reference(s): Park EY, Kwon OB, Jeong BC, Yi JS, Lee CS, Ko YG, Song HK, Crystal structure of PRY-SPRY domain of human TRIM72. Proteins 2010 Feb 78 (3): 790-5..PMID: 19967786->

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 ender users! This product is sold for **Research Use Only**