

## Goat anti-TNNI3 (aa117-127) Antibody

Item Number	dAP-2811
Target Molecule	Principle Name: TNNI3 (aa117-127); Official Symbol: TNNI3; All Names and Symbols: TNNI3; troponin I type 3 (cardiac); CMD1FF; CMD2A; CMH7; RCM1; TNNC1; cTnI; troponin I, cardiac muscle; Accession Number (s): NP_000354.4; Human Gene ID(s): 7137; Non-Human GeneID(s): 21954 (mouse) 29248 (rat)
Immunogen	KVTKNITEIAD, is from internal region
Applications	Pep ELISA, WB Species Tested: Human, Mouse, Rat, Pig
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 128000.
Western Blot	Western Blot: Approx 27+28kDa bands observed in Human Heart lysates, 24 +28kDa in Mouse Heart lysates and 28kDa in Rat and Pig Heart lysates (calculated MW of 24.0kDa according to NP_000354.4). The observed molecular weights correspond to earlier finding
IHC	
Reference	Reference(s): Basta G, Del Turco S, Marchi F, Navarra T, Battaglia D, Mercuri A, Mazzone A, Berti S. Elevated soluble receptor for advanced glycation end product levels in patients with acute coronary syndrome and positive cardiac troponin I. Coron Artery Dis. 2011 Dec;22(8):590-4.. PMID: 22072229->

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**