

Goat anti-TNNI1 Antibody

Item Number	dAP-2844
Target Molecule	Principle Name: TNNI1; Official Symbol: TNNI1; All Names and Symbols: TNNI1; troponin I type 1 (skeletal, slow); SSTNI; TNN1; troponin I, slow skeletal muscle; troponin I, slow-twitch isoform; Accession Number (s): NP_003272.3; Human Gene ID(s): 7135; Non-Human GenID(s):
Immunogen	PEVERKPKITASRK, is from N Terminus
Applications	Pep ELISA, WB 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 128000.
Western Blot	Western Blot: Approx 25kDa band observed in Human and Mouse Skeletal Muscle lysates (calculated MW of 21.7kDa according to NP_003272.3). Recommended concentration: 0.03-0.1µg/ml.
IHC	
Reference	Reference(s): Engel PL, Kobayashi T, Biesiadecki B, Davis J, Tikunova S, Wu S, Solaro RJ. Identification of a region of troponin I important in signaling cross-bridge-dependent activation of cardiac myofilaments. <i>J Biol Chem.</i> 2007 Jan 5;282(1):183-93.. PMID: 17099250->

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**