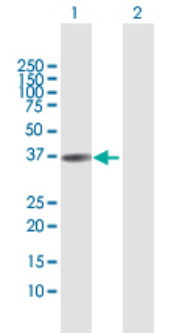
MaxPab®

TNNT1 purified MaxPab rabbit polyclonal antibody (D01P)

Catalog # H00007138-D01P Size 100 ug

Applications



Western Blot (Transfected lysate)

Western Blot analysis of TNNT1 expression in transfected 293T cell line (H00007138-T02) by TNNT1 MaxPab polyclonal antibody.

Lane 1: TNNT1 transfected lysate(27.61 KDa).
Lane 2: Non-transfected lysate.

Specification

Product Description	Rabbit polyclonal antibody raised against a full-length human TNNT1 protein.
Immunogen	TNNT1 (NP_003274.1, 1 a.a. ~ 251 a.a) full-length human protein.
Sequence	MSDTEEQEYEEEQPEEEAAEEEEEEEERPKPSRPVVPPLIPPKIPEGERVDFDDIHRKRMEKDLL ELQTLIDVHFEQRKKEEEELVALKERIERRRSERAEQQRFRTEKERERQAKLAEEKMRKEEEEAK KRAEDDAKKKKVLSNMGAHFGGYLVKAEQKRGKRQTGREMKVRILSERKKPLDIDYMGEEQLRE KAQELSDWIHQLESEKFDLMAKLKQQKYEINVLYNRISHAQKFRKGAGKGRVGGRWK
Host	Rabbit
Reactivity	Human
Quality Control Testing	Antibody reactive against mammalian transfected lysate.
Storage Buffer	In 1x PBS, pH 7.4
Storage Instruction	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

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  Protocol Download

Gene Info — TNNT1

Entrez GeneID	7138
GeneBank Accession#	NM_003283.1
Protein Accession#	NP_003274.1
Gene Name	TNNT1
Gene Alias	ANM, FLJ98147, MGC104241, STNT, TNT, TNTS
Gene Description	troponin T type 1 (skeletal, slow)
Omim ID	191041 605355
Gene Ontology	Hyperlink
Gene Summary	This gene encodes a protein that is a subunit of troponin, which is a regulatory complex located on the thin filament of the sarcomere. This complex regulates striated muscle contraction in response to fluctuations in intracellular calcium concentration. This complex is composed of three subunits: troponin C, which binds calcium, troponin T, which binds tropomyosin, and troponin I, which is an inhibitory subunit. This protein is the slow skeletal troponin T subunit. Mutations in this gene cause nemaline myopathy type 5, also known as Amish nemaline myopathy, a neuromuscular disorder characterized by muscle weakness and rod-shaped, or nemaline, inclusions in skeletal muscle fibers which affects infants, resulting in death due to respiratory insufficiency, usually in the second year. Multiple transcript variants encoding different isoforms have been found for this gene. [provided by RefSeq
Other Designations	slow skeletal muscle troponin T|troponin T1, skeletal, slow|troponin-T1, skeletal, slow

Disease

- Cardiovascular Diseases
- Diabetes Mellitus
- Edema