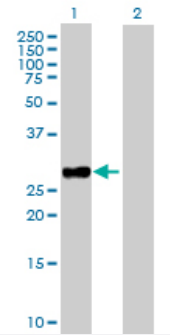
MaxPab®

TNNI3 purified MaxPab rabbit polyclonal antibody (D01P)

Catalog # H00007137-D01P Size 100 ug

Applications



Western Blot (Transfected lysate)

Western Blot analysis of TNNI3 expression in transfected 293T cell line (H00007137-T01) by TNNI3 MaxPab polyclonal antibody.

Lane 1: TNNI3 transfected lysate(24.00 KDa).
Lane 2: Non-transfected lysate.

Specification

Product Description	Rabbit polyclonal antibody raised against a full-length human TNNI3 protein.
Immunogen	TNNI3 (AAH96165.1, 1 a.a. ~ 210 a.a) full-length human protein.
Sequence	MADGSSDAAREPRPAPAPIRRRSSNYRAYATEPHAKKKSKISASRKLQLKTLLLQIAKQELEREAE ERRGEKGRALSTRCQPLELAGLGFAELQDLCRQLHARVDKVDEERYDIEAKVTKNITEIADLTQKIF DLRGKFKRPTLRRVRISADAMMQALLGARAKESLDLRAHLKQVKKEDTEKENREVGDWRKNIDA LSGMEGRKKKFES
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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  Lane 2: Non-transfected lysate.

  Protocol Download

Gene Info — TNNI3

Entrez GeneID	7137
GeneBank Accession#	BC096165
Protein Accession#	AAH96165.1
Gene Name	TNNI3
Gene Alias	CMD2A, CMH7, MGC116817, RCM1, TNNC1, cTnI
Gene Description	troponin I type 3 (cardiac)
Omim ID	115210 191044
Gene Ontology	Hyperlink
Gene Summary	Troponin I (TnI), along with troponin T (TnT) and troponin C (TnC), is one of 3 subunits that form th e troponin complex of the thin filaments of striated muscle. TnI is the inhibitory subunit; blocking ac tin-myosin interactions and thereby mediating striated muscle relaxation. The TnI subfamily contai ns three genes: TnI-skeletal-fast-twitch, TnI-skeletal-slow-twitch, and TnI-cardiac. This gene encod es the TnI-cardiac protein and is exclusively expressed in cardiac muscle tissues. Mutations in thi s gene cause familial hypertrophic cardiomyopathy type 7 (CMH7) and familial restrictive cardiom yopathy (RCM). [provided by RefSeq
Other Designations	familial hypertrophic cardiomyopathy 7|troponin I, cardiac

Pathway

- Cardiac muscle contraction
- Hypertrophic cardiomyopathy (HCM)

Disease

- Alzheimer disease
- Cardiomegaly
- Cardiomyopathy
- Cardiovascular Diseases
- Death
- Diabetes Complications
- Genetic Diseases
- Genetic Predisposition to Disease
- Hypertrophy
- Lipid Metabolism
- Metabolic Syndrome X
- Mitochondrial Myopathies
- Neoplasms
- Osteoporosis
- Tachycardia