

DNAxPAb

Hard-to-Find
Antibody

TNNC2 DNAxPAb

Catalog # H00007125-W01P

Size 200 ug

Specification

Product Description	Rabbit polyclonal antibody raised against a full-length human TNNC2 DNA using DNAx™ Immune technology.
Technology	DNAx™ Immune
Immunogen	Full-length human DNA
Sequence	MTDQQAEARSYLSEEMIAEFKAAFDMPDADGGGDISVKELGTVMRMLGQTPPTKEELDAIIEEVDE DGGSTIDFEEFLVMMVRQMKEDAKGKSEEEELAECFRIFDRNADGYDPEELAEIFRASGEHVTDE EIESLMKDGDKNNDGRIDFDEFLKMMEGVQ
Host	Rabbit
Reactivity	Human
Purification	Protein A
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.

Applications

- Western Blot (Transfected lysate)

[Protocol Download](#)

- Immunofluorescence (Transfected cell)
- Flow Cytometry (Transfected cell)

Gene Info — TNNC2

Entrez GeneID [7125](#)

GeneBank Accession# [NM_003279.2](#)

Protein Accession# [NP_003270.1](#)

Gene Name TNNC2

Gene Alias -

Gene Description troponin C type 2 (fast)

Omim ID [191039](#)

Gene Ontology [Hyperlink](#)

Gene Summary Troponin (Tn), a key protein complex in the regulation of striated muscle contraction, is composed of 3 subunits. The Tn-I subunit inhibits actomyosin ATPase, the Tn-T subunit binds tropomyosin and Tn-C, while the Tn-C subunit binds calcium and overcomes the inhibitory action of the troponin complex on actin filaments. The protein encoded by this gene is the Tn-C subunit. [provided by RefSeq]

Other Designations OTTHUMP00000039531|fast skeletal muscle troponin C|troponin C2, fast

Pathway

- [Calcium signaling pathway](#)

Disease

- [Cardiovascular Diseases](#)
- [Diabetes Mellitus](#)
- [Edema](#)