

Rabbit TNNI3K Polyclonal Antibody | anti-TNNI3K antibody

Anti-TNNI3K Antibody Picoband

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA126462	Rabbit	Human, Mouse, Rat	ELISA, Flow Cytometry, Functional Assay, Western Blot

PRODUCT SYNONYMS

TNNI3K; Polyclonal Antibody; Anti-TNNI3K Antibody Picoband; anti-TNNI3K antibody

PRODUCT SPECIFICATIONS

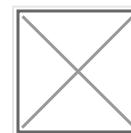
Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Isotype	Rabbit IgG
Purity/Purification	Immunogen affinity purified.
Form/Format	Lyophilized Each vial contains 4 mg Trehalose, 0.9 mg NaCl, 0.2 mg Na ₂ HPO ₄ .
Concentration	Adding 0.2 ml of distilled water will yield a concentration of 500 ug/ml. (varies by lot)
Applicable Applications for anti-TNNI3K antibody	ELISA, FCM/FACS (Flow Cytometry), WB (Western Blot)
Reconstitution	Adding 0.2 ml of distilled water will yield a concentration of 500 ug/ml.
Immunogen	E Coli-derived human TNNI3K recombinant protein (Position: F102-Q783).
Preparation and Storage	Store at -20 degree C for one year from date of receipt. After reconstitution, at 4 degree C for one month. It can also be aliquotted and stored frozen at -20 degree C for six months.Avoid repeated freezing and thawing.

IMAGES



FCM/FACS (Flow Cytometry)

Figure 2. Flow Cytometry analysis of HEL cells using anti-TNNI3K antibody (AAA126462).Overlay histogram showing HEL cells stained with AAA126462 (Blue line). The cells were blocked with 10% normal goat serum. And then incubated with rabbit anti-TNNI3K Antibody (AAA126462, 1 ug/1x10⁶ cells) for 30 min at 20 degree C. DyLight488 conjugated goat anti-rabbit IgG was used as secondary antibody for 30 minutes at 20 degree C. Isotype control antibody (Green line) was rabbit IgG (1 ug/1x10⁶) used under the same conditions. Unlabelled sample (Red line) was also used as a control.



WB (Western Blot)

Figure 1. Western blot analysis of TNNI3K using anti-TNNI3K antibody (AAA126462).Electrophoresis was performed on a 5-20% SDS-PAGE gel at 70V (Stacking gel)/90V (Resolving gel) for 2-3 hours. The sample well of each lane was loaded with 30 ug of sample under reducing conditions.Lane 1: rat heart tissue lysates,Lane 2: mouse heart tissue lysates.After electrophoresis, proteins were transferred to a nitrocellulose membrane at 150 mA for 50-90 minutes. Blocked the membrane with 5% non-fat milk/TBS for 1.5 hour at RT. The membrane was incubated with rabbit anti-TNNI3K antigen affinity purified polyclonal antibody (#AAA126462) at 0.5 ug/mL overnight at 4 degree C, then washed with TBS-0.1%Tween 3 times with 5 minutes each and probed with a goat anti-rabbit IgG-HRP secondary antibody at a dilution of 1:5000 for 1.5 hour at RT. The signal is developed using an Enhanced Chemiluminescent detection (ECL) kit with Tanon 5200 system. A specific band was detected for TNNI3K at approximately 110 kDa. The expected band size for TNNI3K is at 93 kDa.

ADDITIONAL INFORMATION

Related Product Information for anti-TNNI3K antibody	TNNI3 interacting kinase is a protein that in humans is encoded by the TNNI3K gene. This gene encodes a protein that belongs to the MAP kinase kinase kinase (MAPKKK) family of protein kinases. The protein contains ankyrin repeat, protein kinase and serine-rich domains and is thought to play a role in cardiac physiology.
Product Categories/Family for anti-TNNI3K antibody	Primary Antibodies, Rabbit Polyclonal Antibodies

NCBI AND UNIPROT INFORMATION

NCBI GI #	163914396
NCBI GeneID	100526835
NCBI Accession #	NP_001106279.1
NCBI GenBank Nucleotide #	NM_001112808.2
UniProt Accession #	Q59H18; Q17RN0; Q49AR1; Q6MZS9; Q9Y2V6
Molecular Weight	92,851 Da
NCBI Official Full Name	FPGT-TNNI3K fusion protein isoform a
NCBI Official Synonym Full Names	FPGT-TNNI3K readthrough
NCBI Official Symbol	FPGT-TNNI3K
NCBI Protein Information	FPGT-TNNI3K fusion protein
UniProt Protein Name	Serine/threonine-protein kinase TNNI3K
UniProt Gene Name	TNNI3K
UniProt Synonym Gene Names	CARK
UniProt Entry Name	TNI3K_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com
Online datasheet: <https://stage.aaabiotech.com/polyclonal/tnni3k-antibody-flow-cytometry-western-blot-elisa/126462>