

Datasheet for ABIN7301396
anti-TNNI3K antibody (Center)[Go to Product page](#)

2 Images

Overview

Quantity:	100 µL
Target:	TNNI3K
Binding Specificity:	Center
Reactivity:	Human, Mouse, Rat, Cow
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This TNNI3K antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (IHC)

Product Details

Immunogen:	KLH-conjugated synthetic peptide encompassing a sequence within the center region of human CARK.
Specificity:	Recognizes endogenous levels of CARK protein.
Characteristics:	Rabbit polyclonal antibody to CARK
Purification:	The antibody was purified by immunogen affinity chromatography.

Target Details

Target:	TNNI3K
Alternative Name:	CARK (TNNI3K Products)
Background:	CARK, Serine/threonine-protein kinase TNNI3K, Cardiac ankyrin repeat kinase, Cardiac troponin

Target Details

I-interacting kinase, TNNI3-interacting kinase

Gene ID: 100526835, 51086, 435766

UniProt: [Q59H18](#), [Q5GIG6](#), [Q7TQP6](#)

Application Details

Application Notes: WB (1:500 - 1:1000), IH (1:100 - 1:200)

Restrictions: For Research Use only

Handling

Format: Liquid

Buffer: Liquid in 0.42 % Potassium phosphate, 0.87 % Sodium chloride, pH 7.3, 30 % glycerol, and 0.01 % sodium azide.

Preservative: Sodium azide

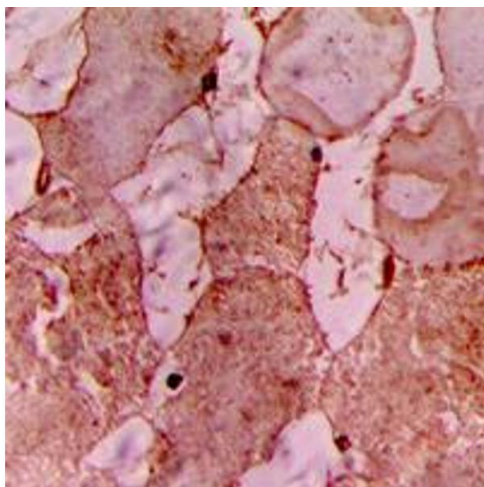
Precaution of Use: This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Storage: -20 °C

Storage Comment: Shipped at 4°C. Upon delivery aliquot and store at -20°C for one year. Avoid freeze/thaw cycles.

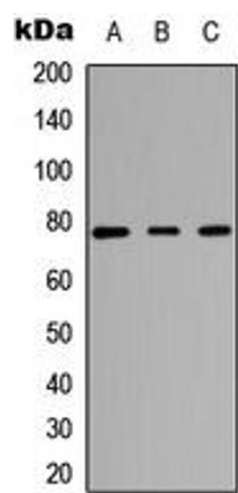
Expiry Date: 12 months

Images



Immunohistochemistry

Image 1. Immunohistochemical analysis of CARK staining in human heart formalin fixed paraffin embedded tissue section. The section was pre-treated using heat mediated antigen retrieval with sodium citrate buffer (pH 6.0). The section was then incubated with the antibody at room temperature and detected using an HRP conjugated compact polymer system. DAB was used as the chromogen. The section was then counterstained with haematoxylin and mounted with DPX.



Western Blotting

Image 2. Western blot analysis of CARK expression in HEK293T (A), Raw264.7 (B), H9C2 (C) whole cell lysates.