

Datasheet for ABIN7169051
anti-ICK antibody (AA 150-275)[Go to Product page](#)

2 Images

Overview

Quantity:	100 µg
Target:	ICK
Binding Specificity:	AA 150-275
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This ICK antibody is un-conjugated
Application:	Western Blotting (WB), ELISA, Immunohistochemistry (IHC)

Product Details

Immunogen:	Recombinant Human Serine/threonine-protein kinase ICK protein (150-275AA)
Isotype:	IgG
Cross-Reactivity:	Human
Purification:	>95%, Protein G purified

Target Details

Target:	ICK
Alternative Name:	ICK (ICK Products)
Background:	Background: Required for ciliogenesis (PubMed:24797473). Phosphorylates KIF3A (By similarity). Involved in the control of ciliary length (PubMed:24853502). Regulates the ciliary

Target Details

localization of SHH pathway components as well as the localization of IFT components at ciliary tips (By similarity). May play a key role in the development of multiple organ systems and particularly in cardiac development (By similarity). Regulates intraflagellar transport (IFT) speed and negatively regulates cilium length in a cAMP and mTORC1 signaling-dependent manner and this regulation requires its kinase activity (By similarity).

Aliases: CILK1 antibody, ICK antibody, KIAA0936Serine/threonine-protein kinase ICK antibody, EC 2.7.11.1 antibody, Ciliogenesis associated kinase 1 antibody, Intestinal cell kinase antibody, hICK antibody, Laryngeal cancer kinase 2 antibody, LCK2 antibody, MAK-related kinase antibody, MRK antibody

UniProt: [Q9UPZ9](#)

Application Details

Application Notes: Recommended dilution: WB:1:500-1:5000, IHC:1:20-1:200,

Restrictions: For Research Use only

Handling

Format: Liquid

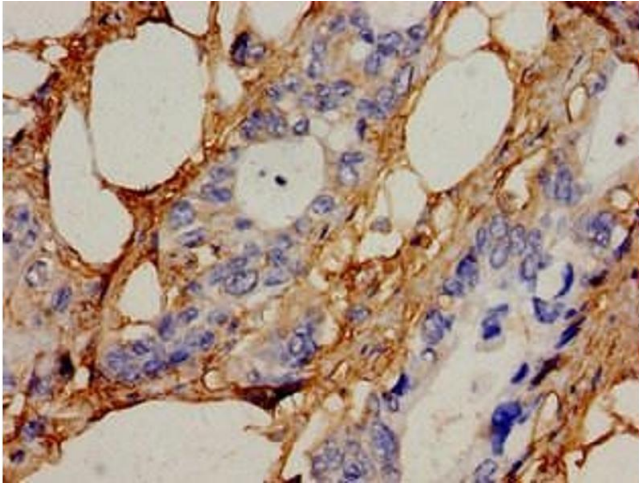
Buffer: Preservative: 0.03 % Proclin 300
Constituents: 50 % Glycerol, 0.01M PBS, pH 7.4

Preservative: ProClin

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

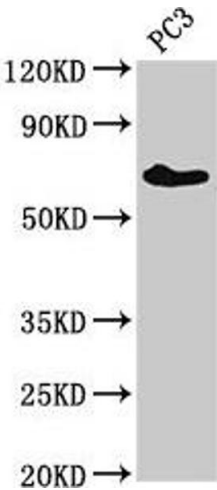
Storage: -20 °C,-80 °C

Storage Comment: Upon receipt, store at -20°C or -80°C. Avoid repeated freeze.



Immunohistochemistry

Image 1. Immunohistochemistry analysis of human pancreatic cancer using ABIN7169051 at dilution of 1:100



Western Blotting

Image 2. Western Blot Positive WB detected in: PC-3 whole cell lysate All lanes: ICK antibody at 3 µg/mL Secondary Goat polyclonal to rabbit IgG at 1/50000 dilution Predicted band size: 72, 35 kDa Observed band size: 72 kDa