ICK Antibody

PACO51186

Product Information

Size:

50ug

Reactivity:

Human

Source:

Rabbit

Isotype:

IgG

Applications:

ELISA, WB, IHC

Recommended dilutions:

ELISA:1:2000-1:10000, WB:1:500-1:5000, IHC:1:20-1:200

Protein Background:

Required for ciliogenesis. Phosphorylates KIF3A. Involved in the control of ciliary length. Regulates the ciliary localization of SHH pathway components as well as the localization of IFT components at ciliary tips. May play a key role in the development of multiple organ systems and particularly in cardiac development. 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.

Gene ID:

ICK

Uniprot

Q9UPZ9

Synonyms:

Serine/threonine-protein kinase ICK (EC 2.7.11.1) (Intestinal cell kinase) (hICK) (Laryngeal cancer kinase 2) (LCK2) (MAK-related kinase) (MRK), ICK, KIAA0936

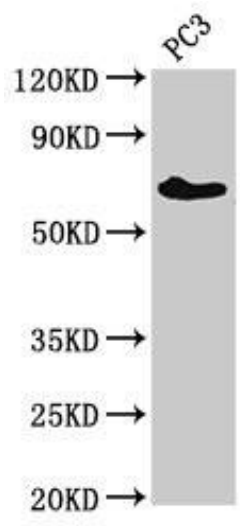
Immunogen:

Recombinant Human Serine/threonine-protein kinase ICK protein (150-275AA).

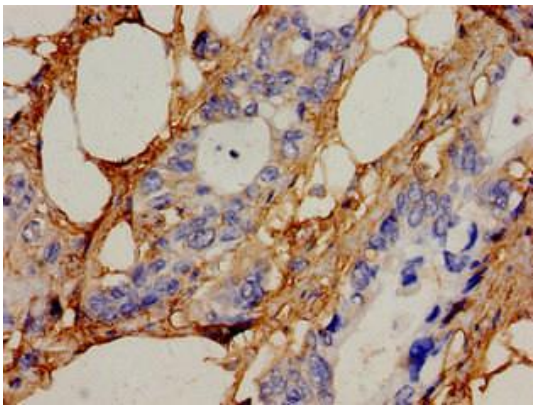
Storage:

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

Product Images



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



Immunohistochemistry analysis of human pancreatic cancer using PACO51186 at dilution of 1:100.

