

Intestinal Cell Kinase Polyclonal Antibody

Description

Product type	Primary Antibody
Code	BT-AP04595
Host	Rabbit
Isotype	IgG
Size	20ul, 50ul, 100ul
Immunogen	The antiserum was produced against synthesized peptide derived from human ICK. AA range:125-174
Mol wt	71427
Species reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Recommended application	WB, IHC-p, ELISA
Concentration	1 mg/ml
Full name	Intestinal Cell Kinase Antibody
Synonyms	ICK; KIAA0936; Serine/threonine-protein kinase ICK; Intestinal cell kinase; hICK; Laryngeal cancer kinase 2; LCK2; MAK-related kinase; MRK

This product is for research use only, not for use in human, therapeutic or diagnostic procedure.

Background

Eukaryotic protein kinases are enzymes that belong to a very extensive family of proteins which share a conserved catalytic core common with both serine/threonine and tyrosine protein kinases. ICK encodes an intestinal serine/threonine kinase harboring a dual phosphorylation site found in mitogen-activating protein (MAP) kinases. The intestinal cell kinase localizes to the intestinal crypt region and is thought to be important in intestinal epithelial cell proliferation and differentiation. Alternative splicing has been observed at this locus and two variants, encoding the same isoform, have been identified.

Recommended Dilution

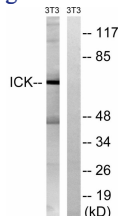
WB: 1: 500 - 1: 2000

IHC: 1: 100 - 1: 300

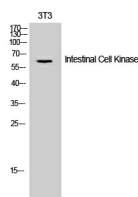
ELISA: 1: 20000

Not yet tested in other applications.

Images



Western blot analysis of lysates from NIH/3T3 cells, treated with PBS 10uM 60', using ICK Antibody. The lane on the right is blocked with the synthesized peptide.



Western Blot analysis of 3T3 cells using Intestinal Cell Kinase Polyclonal Antibody

Storage

-20°C for one year

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