BT LAB
Bioassay Technology Laboratory
Optimize Your Research

HUNK Polyclonal Antibody

Description

Product type	Primary Antibody
Code	BT-AP04281
Host	Rabbit
Isotype	IgG
Size	20ul, 50ul, 100ul
Immunogen	The antiserum was produced against synthesized peptide derived from human HUNK. AA range:251-300
Mol wt	79686
Species reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Recommended application	WB, ELISA
Concentration	1 mg/ml
Full name	HUNK Antibody
Synonyms	HUNK; MAKV; Hormonally up-regulated neu tumor-associated kinase; B19; Serine/threonine-protein kinase MAK-V

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

Background

The HUNK (hormonally upregulated Neu-associated kinase) protein, also designated MAK-V in mouse, has been identified as a novel SNF1-related serine/threonine kinase. The human HUNK gene localizes to chromosome 21q22 and encodes a protein with nucleocytoplasmic distribution and localizes to the centrosome. Overexpression of the HUNK protein associates with approximately 50% of breast carcinomas, and may provide diagnostic-prognostic value as a molecular marker. Serine/threonine-protein kinase SNF1-like kinase 2 (SIK) phosphorylates Ser-794 of IRS1 in insulin-stimulated adipocytes, which may modulate the efficiency of insulin signal transduction. SIK is activated by phosphorylation on Thr-175 by STK11 in complex with STE20-related adapter-alpha and CAB39.

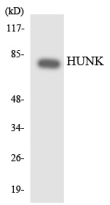
Recommended Dilution

WB: 1: 500 - 1: 2000

ELISA: 1: 40000

Not yet tested in other applications.

Images



Western blot analysis of the lysates from 293 cells using HUNK antibody.

Storage

-20°C for one year

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