

HIPK3 Polyclonal Antibody

Description

Product type	Primary Antibody
Code	BT-AP09897
Host	Rabbit
Isotype	IgG
Size	100ul, 50ul, 20ul
Immunogen	Synthesized peptide derived from human protein . at AA range: 770-850
Mol wt	N/A
Species reactivity	Human, Rat, Mouse
Clonality	Polyclonal
Recommended application	WB, ELISA
Concentration	1 mg/ml
Full name	Homeodomain-interacting protein kinase 3
Synonyms	Homeodomain-interacting protein kinase 3 ;EC 2.7.11.1;Androgen receptor-interacting nuclear protein kinase;ANPK;Fas-interacting serine/threonine-protein kinase;FIST;Homolog of protein kinase

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

Background

Catalytic activity:ATP + a protein = ADP + a phosphoprotein.,Seems to negatively regulate apoptosis by promoting FADD phosphorylation. Enhances androgen receptor-mediated transcription. May act as a transcriptional corepressor for NK homeodomain transcription factors.,PTM:Autophosphorylated, but autophosphorylation is not required for Catalytic activity.,PTM:May be sumoylated.,Belongs to the protein kinase superfamily. CMGC Ser/Thr protein kinase family. HIPK subfamily.,Contains 1 protein kinase domain.,subunit:Interacts with Nkx1-2. Interacts with FAS and DAXX. Probably part of a complex consisting of HIPK3, FAS and FADD. Interacts with and stabilizes ligand-bound androgen receptor (AR) (By similarity). Interacts with UBL1/SUMO-1.,tissue specificity:Overexpressed in multidrug resistant cells. Highly expressed in heart and skeletal muscle, and at lower levels in placenta, pancreas, brain, spleen, prostate, thymus, testis, small intestine, colon and leukocytes. Not found in liver and lung.,

Recommended Dilution

WB: 1: 500 - 1: 2000

ELISA: 1: 5000 - 1: 20000

Not yet tested in other applications.

Images

No images.

Storage

-20°C for 1 year