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Datasheet for ABIN5675039 anti-HIPK1 antibody (AA 1-100)

Image



Overview

Quantity:	100 µL
Target:	HIPK1
Binding Specificity:	AA 1-100
Reactivity:	Human, Mouse, Monkey, Macaque
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This HIPK1 antibody is un-conjugated
Application:	ELISA, Western Blotting (WB), Immunofluorescence (Cultured Cells) (IF (cc)), Immunofluorescence (Paraffin-embedded Sections) (IF (p)), Immunohistochemistry (Paraffin- embedded Sections) (IHC (p)), Immunohistochemistry (Frozen Sections) (IHC (fro)), Immunocytochemistry (ICC)
	Immunocytochemistry (ICC)

Product Details

Immunogen:	KLH conjugated synthetic peptide derived from human HIPK1
Isotype:	lgG
Cross-Reactivity:	Human, Macaque, Monkey, Mouse
Predicted Reactivity:	Rat,Dog,Cow,Sheep,Pig,Horse,Rabbit
Purification:	Purified by Protein A.

Target Details

Target:

HIPK1

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Target Details	
Alternative Name:	HIPK1 (HIPK1 Products)
Background:	Synonyms: Hipk 1, Hipk1, HIPK1_HUMAN, Homeodomain interacting protein kinase 1,
	Homeodomain interacting protein kinase 1 like protein, Homeodomain-interacting protein
	kinase 1, Myak, Nbak 2, Nbak2, Nuclear body associated kinase 2, Nuclear body associated
	kinase 2b
	Background: Serine/threonine-protein kinase involved in transcription regulation and TNF-
	mediated cellular apoptosis. Plays a role as a corepressor for homeodomain transcription
	factors. Phosphorylates DAXX and MYB. Phosphorylates DAXX in response to stress, and
	mediates its translocation from the nucleus to the cytoplasm. Inactivates MYB transcription
	factor activity by phosphorylation. Prevents MAP3K5-JNK activation in the absence of TNF.
	TNF triggers its translocation to the cytoplasm in response to stress stimuli, thus activating
	nuclear MAP3K5-JNK by derepression and promoting apoptosis. May be involved in anti-
	oxidative stress responses. Involved in the regulation of eye size, lens formation and retinal
	lamination during late embryogenesis. Promotes angiogenesis and to be involved in erythroid
	differentiation. May be involved in malignant squamous cell tumor formation.
Gene ID:	204851
JniProt:	Q86Z02
Application Details	
Application Notes:	WB 1:300-5000
	ELISA 1:500-1000
	IHC-P 1:200-400
	IHC-F 1:100-500
	IF(IHC-P) 1:50-200
	IF(IHC-F) 1:50-200
	IF(ICC) 1:50-200
	ICC 1:100-500

Restrictions:

For Research Use only

Handling

Format:	Liquid
Concentration:	1 µg/µL
Buffer:	0.01M TBS(pH 7.4) with 1 % BSA, 0.02 % Proclin300 and 50 % Glycerol.

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Handling

Preservative:	ProClin
Precaution of Use:	This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE, which should be handled by trained staff only.
Storage:	4 °C,-20 °C
Storage Comment:	Shipped at 4°C. Store at -20°C for one year. Avoid repeated freeze/thaw cycles.
Expiry Date:	12 months

Images

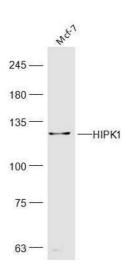


Image 1. MCF-7 lysates probed with HIPK1 Polyclonal Antibody, Unconjugated at 1:300 dilution and 4°C overnight incubation. Followed by conjugated secondary antibody incubation at 1:10000 for 60 min at 37°C.