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Datasheet for ABIN6977541

anti-HIPK1 antibody (AA 1-100) (Alexa Fluor 488)

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 conjugated to Alexa Fluor 488
Application:	Western Blotting (WB), Immunofluorescence (Cultured Cells) (IF (cc)), Immunofluorescence (Paraffin-embedded Sections) (IF (p))

Product Details

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

Target Details

Target:	HIPK1
Alternative Name:	HIPK1 (HIPK1 Products)

Target Details

Background:	<p>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</p> <p>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.</p>
Gene ID:	204851
UniProt:	Q86Z02

Application Details

Application Notes:	IF(IHC-P) 1:50-200 IF(IHC-F) 1:50-200 IF(ICC) 1:50-200
Restrictions:	For Research Use only

Handling

Format:	Liquid
Concentration:	1 µg/µL
Buffer:	Aqueous buffered solution containing 0.01M TBS (pH 7.4) with 1 % BSA, 0.03 % Proclin300 and 50 % Glycerol.
Preservative:	ProClin
Precaution of Use:	This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE, which should be handled by trained staff only.
Storage:	-20 °C

Handling

Storage Comment:	Store at -20°C. Aliquot into multiple vials to avoid repeated freeze-thaw cycles.
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Expiry Date:	12 months
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