



Datasheet for ABIN7155861
anti-HIPK1 antibody (AA 1007-1151)



[Go to Product page](#)

3 Images

Overview

Quantity:	100 µg
Target:	HIPK1
Binding Specificity:	AA 1007-1151
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This HIPK1 antibody is un-conjugated
Application:	ELISA, Immunohistochemistry (IHC), Immunofluorescence (IF)

Product Details

Immunogen:	Recombinant Human Homeodomain-interacting protein kinase 1 protein (1007-1151AA)
Isotype:	IgG
Cross-Reactivity:	Human
Purification:	>95%, Protein G purified

Target Details

Target:	HIPK1
Alternative Name:	HIPK1 (HIPK1 Products)
Background:	Background: Serine/threonine-protein kinase involved in transcription regulation and TNF-mediated cellular apoptosis. Plays a role as a corepressor for homeodomain transcription

Target Details

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.

Aliases: Hipk 1 antibody, Hipk1 antibody, HIPK1_HUMAN antibody, Homeodomain interacting protein kinase 1 antibody, Homeodomain interacting protein kinase 1 like protein antibody, Homeodomain-interacting protein kinase 1 antibody, Myak antibody, Nbak 2 antibody, Nbak2 antibody, Nuclear body associated kinase 2 antibody, Nuclear body associated kinase 2b antibody

UniProt: [Q86Z02](#)

Application Details

Application Notes: Recommended dilution: IHC:1:200-1:500, IF:1:50-1:200,

Restrictions: For Research Use only

Handling

Format: Liquid

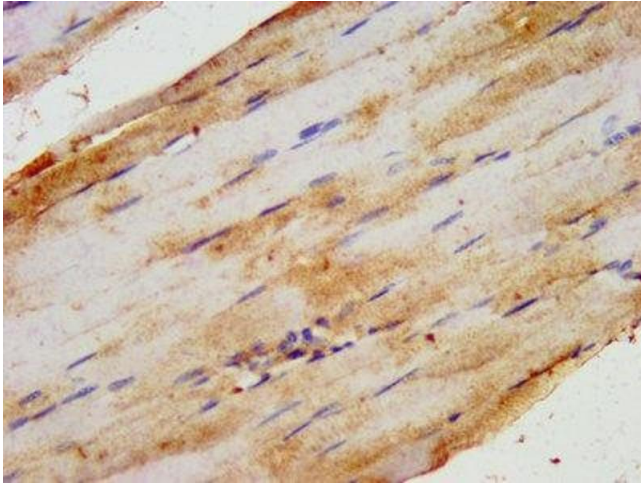
Buffer: Preservative: 0.03 % Proclin 300
Constituents: 50 % Glycerol, 0.01M PBS, pH 7.4

Preservative: ProClin

Precaution of Use: This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

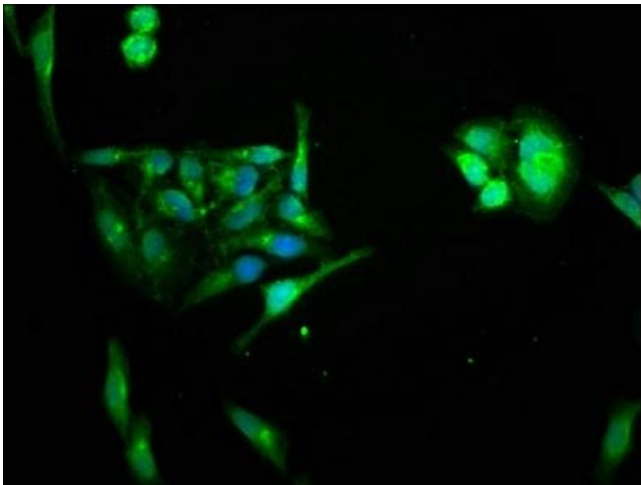
Storage: -20 °C,-80 °C

Storage Comment: Upon receipt, store at -20°C or -80°C. Avoid repeated freeze.



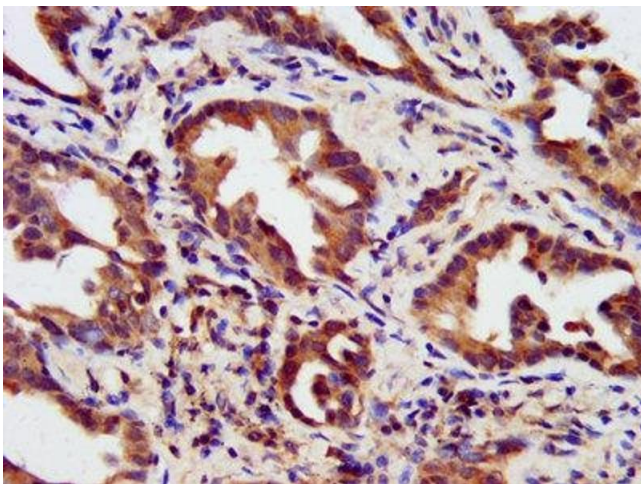
Immunohistochemistry

Image 1. IHC image of ABIN7155861 diluted at 1:200 and staining in paraffin-embedded human skeletal muscle tissue performed on a Leica Bond™ system. After dewaxing and hydration, antigen retrieval was mediated by high pressure in a citrate buffer (pH 6.0). Section was blocked with 10% normal goat serum 30min at RT. Then primary antibody (1% BSA) was incubated at 4°C overnight. The primary is detected by a biotinylated secondary antibody and visualized using an HRP conjugated SP system.



Immunofluorescence

Image 2. Immunofluorescence staining of HeLa cells with ABIN7155861 at 1:66, counter-stained with DAPI. The cells were fixed in 4% formaldehyde, permeabilized using 0.2% Triton X-100 and blocked in 10% normal Goat Serum. The cells were then incubated with the antibody overnight at 4°C. The secondary antibody was Alexa Fluor 488-conjugated AffiniPure Goat Anti-Rabbit IgG(H+L).



Immunohistochemistry

Image 3. IHC image of ABIN7155861 diluted at 1:200 and staining in paraffin-embedded human lung cancer performed on a Leica Bond™ system. After dewaxing and hydration, antigen retrieval was mediated by high pressure in a citrate buffer (pH 6.0). Section was blocked with 10% normal goat serum 30min at RT. Then primary antibody (1% BSA) was incubated at 4°C overnight. The primary is detected by a biotinylated secondary antibody and visualized using an HRP conjugated SP system.