

Datasheet for ABIN7155869  
**anti-HIPK3 antibody (AA 841-1130)**

## 3 Images

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## Overview

Quantity:	100 µg
Target:	HIPK3
Binding Specificity:	AA 841-1130
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This HIPK3 antibody is un-conjugated
Application:	ELISA, Immunohistochemistry (IHC), Immunofluorescence (IF)

## Product Details

Immunogen:	Recombinant Human Homeodomain-interacting protein kinase 3 protein (841-1130AA)
Isotype:	IgG
Cross-Reactivity:	Human
Purification:	>95%, Protein G purified

## Target Details

Target:	HIPK3
Alternative Name:	HIPK3 ( <a href="#">HIPK3 Products</a> )
Background:	Background: Serine/threonine-protein kinase involved in transcription regulation, apoptosis and steroidogenic gene expression. Phosphorylates JUN and RUNX2. Seems to negatively regulate

## Target Details

apoptosis by promoting FADD phosphorylation. Enhances androgen receptor-mediated transcription. May act as a transcriptional corepressor for NK homeodomain transcription factors. The phosphorylation of NR5A1 activates SF1 leading to increased steroidogenic gene expression upon cAMP signaling pathway stimulation. In osteoblasts, supports transcription activation: phosphorylates RUNX2 that synergizes with SPEN/MINT to enhance FGFR2-mediated activation of the osteocalcin FGF-responsive element (OCFRE).

Aliases: Androgen receptor interacting nuclear protein kinase antibody, Androgen receptor-interacting nuclear protein kinase antibody, ANPK antibody, DYRK6 antibody, Fas interacting serine/threonine protein kinase antibody, Fas-interacting serine/threonine-protein kinase antibody, FIST antibody, FIST3 antibody, Hipk3 antibody, HIPK3\_HUMAN antibody, homeodomain interacting protein kinase 3 antibody, Homeodomain-interacting protein kinase 3 antibody, Homolog of protein kinase YAK1 antibody, PKY antibody, RP24 297H17.5 antibody, YAK1 antibody

UniProt: [Q9H422](#)

## Application Details

Application Notes: Recommended dilution: IHC:1:20-1:200, IF:1:50-1:200,

Restrictions: For Research Use only

## Handling

Format: Liquid

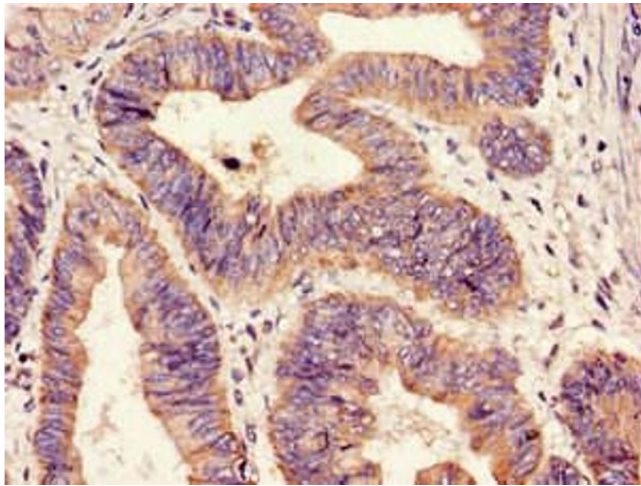
Buffer: Preservative: 0.03 % Proclin 300  
Constituents: 50 % Glycerol, 0.01M PBS, pH 7.4

Preservative: ProClin

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

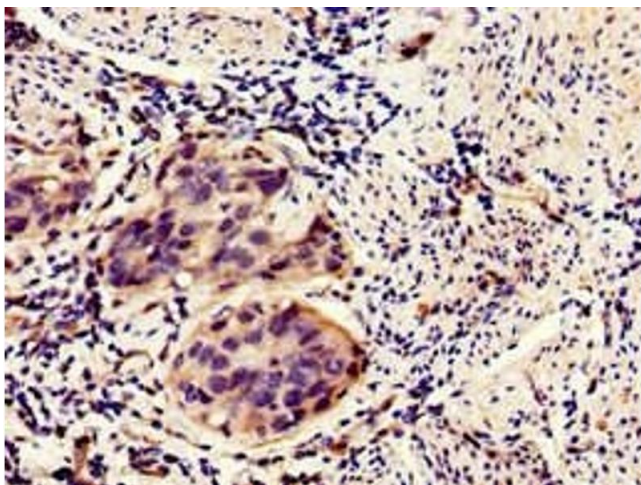
Storage: -20 °C,-80 °C

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



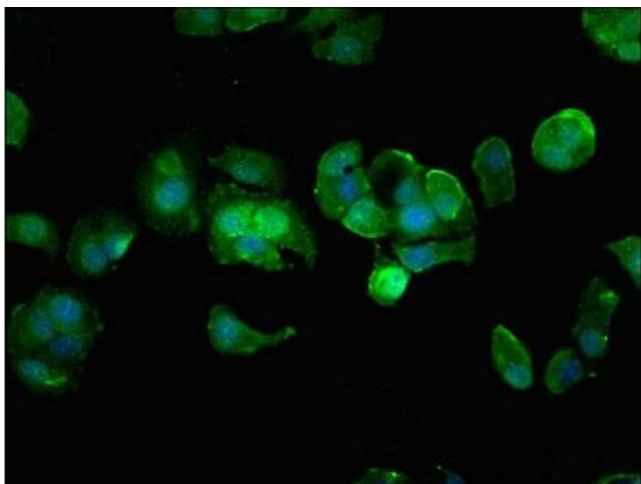
#### Immunohistochemistry

**Image 1.** Immunohistochemistry of paraffin-embedded human colon cancer using ABIN7155869 at dilution of 1:100



#### Immunohistochemistry

**Image 2.** Immunohistochemistry of paraffin-embedded human bladder cancer using ABIN7155869 at dilution of 1:100



#### Immunofluorescence

**Image 3.** Immunofluorescent analysis of MCF-7 cells using ABIN7155869 at dilution of 1:100 and Alexa Fluor 488-conjugated AffiniPure Goat Anti-Rabbit IgG(H+L)