

Datasheet for ABIN7267779

**anti-HIPK2 antibody****2** Images[Go to Product page](#)

## Overview

Quantity:	100 µL
Target:	HIPK2
Reactivity:	Human
Host:	Rabbit
Clonality:	Monoclonal
Conjugate:	This HIPK2 antibody is un-conjugated
Application:	Western Blotting (WB), Immunofluorescence (IF)

## Product Details

Purpose:	HIPK2 Rabbit mAb
Immunogen:	A synthesized peptide derived from human HIPK2
Isotype:	IgG
Cross-Reactivity:	Human
Characteristics:	Monoclonal Antibodies
Purification:	Affinity purification

## Target Details

Target:	HIPK2
Alternative Name:	HIPK2 ( <a href="#">HIPK2 Products</a> )
Background:	This gene encodes a conserved serine/threonine kinase that is a member of the homeodomain-

## Target Details

interacting protein kinase family. The encoded protein interacts with homeodomain transcription factors and many other transcription factors such as p53, and can function as both a corepressor and a coactivator depending on the transcription factor and its subcellular localization. Multiple transcript variants encoding different isoforms have been found for this gene. [provided by RefSeq, Nov 2011],PRO0593,Apoptosis,Cancer,Cell Biology & Developmental Biology,Cell Cycle,Cell Cycle\_Cell cycle inhibitors,DNA Damage & Repair,Epigenetics & Nuclear Signaling,G2/M DNA Damage Checkpoint,Kinase,Kinase\_Serine/threonine kinases,Signal Transduction,Tumor suppressors,Tumor suppressors\_p53 pathway,HIPK2

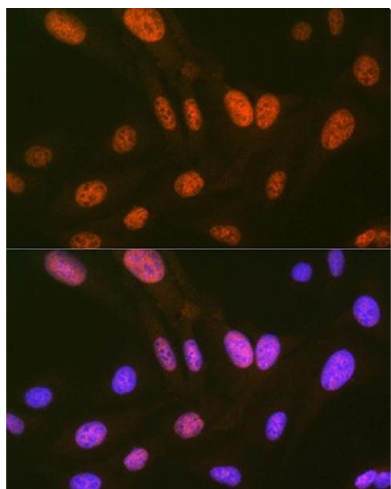
Molecular Weight:	130/100kDa
Gene ID:	28996
UniProt:	<a href="#">Q9H2X6</a>
Pathways:	<a href="#">Cell Division Cycle</a>

## Application Details

Application Notes:	WB,1:500 - 1:2000,IF,1:50 - 1:200
Restrictions:	For Research Use only

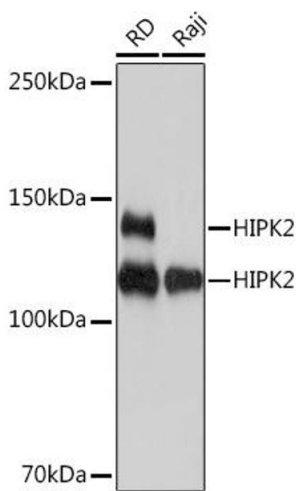
## Handling

Format:	Liquid
Buffer:	PBS with 0.02 % sodium azide,0.05 % BSA,50 % glycerol, pH 7.3.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	-20 °C
Storage Comment:	Store at -20°C. Avoid freeze / thaw cycles.



#### Immunofluorescence

**Image 1.** Immunofluorescence analysis of U-2 OS cells using HIPK2 Rabbit mAb (ABIN7267779) at dilution of 1:100 (40x lens). Blue: DAPI for nuclear staining.



#### Western Blotting

**Image 2.** Western blot analysis of extracts of various cell lines, using HIPK2 Rabbit mAb (ABIN7267779) at 1:1000 dilution. Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (ABIN1684268 and ABIN3020597) at 1:10000 dilution. Lysates/proteins: 25 µg per lane. Blocking buffer: 3 % nonfat dry milk in TBST. Detection: ECL Basic Kit (RM00020). Exposure time: 1s.