

Rabbit anti-Human HIPK1 Polyclonal Antibody | anti-HIPK1 antibody

HIPK1 Antibody

CATALOG # AAA234477	HOST Rabbit	REACTIVITY Human	APPLICATIONS Immunofluorescence, Immunohistochemistry, ELISA
-------------------------------	-----------------------	----------------------------	--

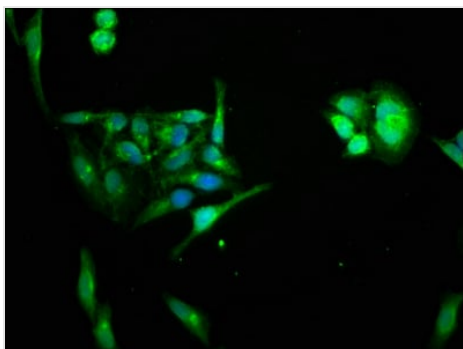
PRODUCT SYNONYMS

HIPK1; Polyclonal Antibody; HIPK1 Antibody; Homeodomain-interacting protein kinase 1; Nuclear body-associated kinase 2; KIAA0630; MYAK; NBAK2; anti-HIPK1 antibody

PRODUCT SPECIFICATIONS

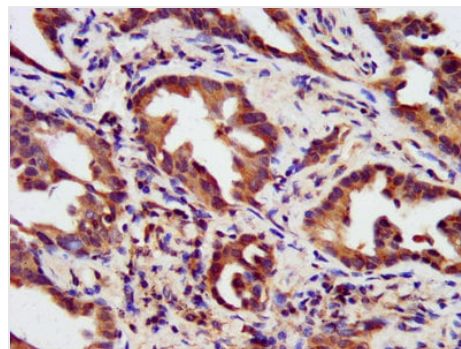
Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	>95%, Protein G purified
Form/Format	Liquid
Sequence Length	1075
Applicable Applications for anti-HIPK1 antibody	IF (Immunofluorescence), IHC (Immunohistochemistry), ELISA
Immunogen	Recombinant Human Homeodomain-interacting protein kinase 1 protein (1007-1151AA)
Conjugation	Non-conjugated
Buffer	Preservative: 0.03% Proclin 300 Constituents: 50% Glycerol, 0.01M PBS, pH 7.4
Preparation and Storage	Upon receipt, store at -20 degree C or -80 degree C. Avoid repeated freeze.

IMAGES



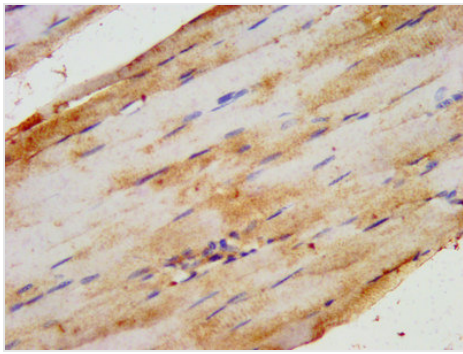
IHC (Immunohistochemistry)

Immunofluorescence staining of HeLa cells with AAA234477 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 degree C. The secondary antibody was Alexa Fluor 488-conjugated AffiniPure Goat Anti-Rabbit IgG (H+L).



IHC (Immunohistochemistry)

IHC image of AAA234477 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 degree C overnight. The primary is detected by a biotinylated secondary antibody and visualized using an HRP conjugated SP system.



IHC (Immunohistochemistry)

IHC image of AAA234477 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 degree C overnight. The primary is detected by a biotinylated secondary antibody and visualized using an HRP conjugated SP system.

ADDITIONAL INFORMATION

Related Product Information for anti-HIPK1 antibody	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.
Product Categories/Family for anti-HIPK1 antibody	Epigenetics and Nuclear Signaling ; Signal Transduction

NCBI AND UNIPROT INFORMATION

NCBI GI #	38201638
NCBI GeneID	204851
NCBI Accession #	NP_689909.2
NCBI GenBank Nucleotide #	NM_152696.3
UniProt Accession #	Q86Z02 ; O75125 ; Q5SQL2 ; Q5SQL4 ; Q5SQL5 ; Q8IYD7 ; Q8NDN5 ; Q8NEB6 ; Q8TBZ1 ; A6NJ34
Molecular Weight	87,302 Da
NCBI Official Full Name	homeodomain-interacting protein kinase 1 isoform 2
NCBI Official Synonym Full Names	homeodomain interacting protein kinase 1
NCBI Official Symbol	HIPK1
NCBI Official Synonym Symbols	Myak; Nbak2
NCBI Protein Information	homeodomain-interacting protein kinase 1
UniProt Protein Name	Homeodomain-interacting protein kinase 1
UniProt Gene Name	HIPK1
UniProt Synonym Gene Names	KIAA0630; MYAK; NBAK2

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com

Online datasheet: <https://stage.aaabiotech.com/polyclonal/hipk1-antibody-immunofluorescence-immunohistochemistry-elisa/234477>