

Rabbit HIPK1 Polyclonal Antibody | anti-HIPK1 antibody

HIPK1 Antibody (C-term)

CATALOG # AAA285977	HOST Rabbit	REACTIVITY Human (Predicted Reactivity: Mouse)	APPLICATIONS Immunohistochemistry, ELISA, Western Blot
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PRODUCT SYNONYMS

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

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human (Predicted Reactivity: Mouse)
Clonality	Polyclonal
Isotype	Rabbit Ig
Specificity	This HIPK1 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 893-922 amino acids from the C-terminal region of human HIPK1.
Purity/Purification	Peptide Affinity Purified Rabbit Polyclonal Antibody (Pab)
Form/Format	Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is purified through a protein A column, followed by peptide affinity purification.
Concentration	Vial Concentration: 0.41 (varies by lot)
Sequence Positions	893-922
Sequence Length	1075
Applicable Applications for anti-HIPK1 antibody	IHC (Immunohistochemistry), ELISA, WB (Western Blot)
Antigen Type	Synthetic Peptide
Antigen Source	HUMAN
Preparation and Storage	Maintain refrigerated at 2-8 degree C for up to 6 months. For long term storage store at -20 degree C in small aliquots to prevent freeze-thaw cycles.

IMAGES



IHC (Immunohistochemistry)

HIPK1 Antibody (C-term) immunohistochemistry analysis in formalin fixed and paraffin embedded human breast carcinoma followed by peroxidase conjugation of the secondary antibody and DAB staining. This data demonstrates the use of HIPK1 Antibody (C-term) for immunohistochemistry. Clinical relevance has not been evaluated.



WB (Western Blot)

Western blot analysis of HIPK1 Antibody (C-term) Pab pre-incubated without (lane 1) and with (lane 2) blocking peptide in MCF-7 cell line lysate. HIPK1 Antibody (C-term) (arrow) was detected using the purified Pab.

ADDITIONAL INFORMATION

Related Product Information for anti-HIPK1 antibody	The protein encoded by this gene belongs to the Ser/Thr family of protein kinases and HIPK subfamily. It phosphorylates homeodomain transcription factors and may also function as a co-repressor for homeodomain transcription factors. Alternative splicing results in four transcript variants encoding four distinct isoforms.
Product Categories/Family for anti-HIPK1 antibody	Signal Transduction
References	Matre, V., et al. Biochem. Biophys. Res. Commun. 388(1):150-154(2009) Li, X., et al. J. Biol. Chem. 280(15):15061-15070(2005) Rush, J., et al. Nat. Biotechnol. 23(1):94-101(2005) Colland, F., et al. Genome Res. 14(7):1324-1332(2004) Song, J.J., et al. J. Biol. Chem. 278(47):47245-47252(2003)

NCBI AND UNIPROT INFORMATION

NCBI GI #	38201638
NCBI GeneID	204851
NCBI Accession #	NP_689909.2; NP_852003.1; NP_938009.1; NP_938010.1
NCBI GenBank Nucleotide #	NM_152696.3
UniProt Accession #	Q86Z02; O75125; Q5SQL2; Q5SQL4; Q5SQL5; Q8IYD7; Q8NDN5; Q8NEB6; Q8TBZ1; A6NJ34
Molecular Weight	130843
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
UniProt Entry Name	HIPK1_HUMAN

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.

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Online datasheet: <https://stage.aaabiotech.com/polyclonal/hipk1-antibody-immunohistochemistry-western-blot-elisa/285977>