

Rabbit HIPK3 Polyclonal Antibody | anti-HIPK3 antibody

HIPK3 Antibody (C-term)

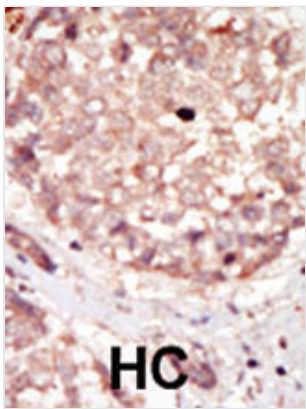
CATALOG # AAA286474	HOST Rabbit	REACTIVITY Human (Predicted Reactivity: Mouse, Rat)	APPLICATIONS Immunohistochemistry, ELISA, Western Blot
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PRODUCT SYNONYMS

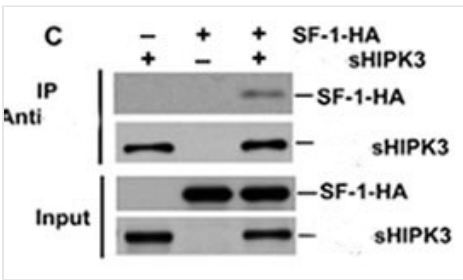
HIPK3; Polyclonal Antibody; HIPK3 Antibody (C-term); Homeodomain-interacting protein kinase 3; Androgen receptor-interacting nuclear protein kinase; ANPK; Fas-interacting serine/threonine-protein kinase; FIST; Homolog of protein kinase YAK1; DYRK6; FIST3; PKY; anti-HIPK3 antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human (Predicted Reactivity: Mouse, Rat)
Clonality	Polyclonal
Isotype	Rabbit Ig
Specificity	This HIPK3 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 1127-1156 amino acids from the C-terminal region of human HIPK3.
Purity/Purification	Purified Rabbit Polyclonal Antibody (Pab)
Form/Format	Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is prepared by Saturated Ammonium Sulfate (SAS) precipitation followed by dialysis against PBS.
Concentration	Vial Concentration: 2 (varies by lot)
Sequence Positions	1127-1156
Sequence Length	1194
Applicable Applications for anti-HIPK3 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.



IHC (Immunohistochemistry)
Formalin-fixed and paraffin-embedded human cancer tissue reacted with the primary antibody, which was peroxidase-conjugated to the secondary antibody, followed by DAB staining. This data demonstrates the use of this antibody for immunohistochemistry; clinical relevance has not been evaluated. BC = breast carcinoma; HC = hepatocarcinoma.



WB (Western Blot)
Detection of interaction between HIPK3 and SF-1 by coimmunoprecipitation. After expression of SF-1-HA and DYKDDDDK-sHIPK3 (aa 159 to 1191) in H1299 cells, the HIPK3 protein complex was immunoprecipitated with anti-DYKDDDDK antibody or by direct loading to the gel (input). Western blotting was then performed to detect SF-1-HA and DYKDDDDK-sHIPK3.

ADDITIONAL INFORMATION

Related Product Information for anti-HIPK3 antibody	HIPK3 negatively regulates apoptosis by promoting FADD phosphorylation. This kinase enhances androgen receptor-mediated transcription, and may act as a transcriptional corepressor for NK homeodomain transcription factors.
Product Categories/Family for anti-HIPK3 antibody	Cell Biology; Signal transduction
References	Blume-Jensen P, et al. Nature 2001. 411: 355. Cantrell D, J. Cell Sci. 2001. 114: 1439. Jhiang S Oncogene 2000. 19: 5590. Manning G, et al. Science 2002. 298: 1912. Moller, D, et al. Am. J. Physiol. 1994. 266: C351-C359. Robertson, S. et al. Trends Genet. 2000. 16: 368. Robinson D, et al. Oncogene 2000. 19: 5548. Van der Ven, P, et al. Hum. Molec. Genet. 1993. 2: 1889. Vanhaesebroeck, B, et al. Biochem. J. 2000. 346: 561. Van Weering D, et al. Recent Results Cancer Res. 1998. 154: 271.

NCBI AND UNIPROT INFORMATION

NCBI GI #	114796630
NCBI GeneID	10114
NCBI Accession #	NP_001041665.1; NP_001265091.1; NP_001265092.1; NP_005725.3
NCBI GenBank Nucleotide #	NM_001048200.2
UniProt Accession #	Q9H422; O14632; Q2PBG4; Q2PBG5; Q92632; Q9HAS2
Molecular Weight	133743
NCBI Official Full Name	homeodomain-interacting protein kinase 3 isoform 2
NCBI Official Synonym Full Names	homeodomain interacting protein kinase 3
NCBI Official Symbol	HIPK3
NCBI Official Synonym Symbols	PKY; YAK1; DYRK6; FIST3
NCBI Protein Information	homeodomain-interacting protein kinase 3

UniProt Protein Name	Homeodomain-interacting protein kinase 3
UniProt Gene Name	HIPK3
UniProt Synonym Gene Names	DYRK6; FIST3; PKY; ANPK; FIST
UniProt Entry Name	HIPK3_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/hipk3-antibody-immunohistochemistry-western-blot-elisa/286474>