

Rabbit anti-Human HIPK3 Polyclonal Antibody | anti-HIPK3 antibody

HIPK3 Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA233798	Rabbit	Human	Immunofluorescence, Immunohistochemistry, ELISA

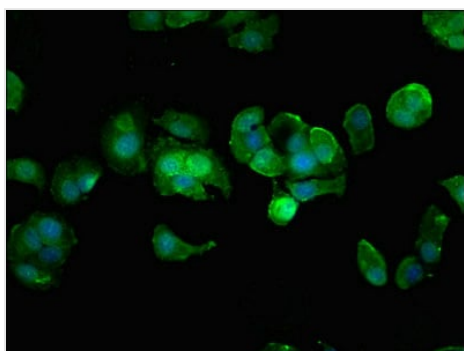
PRODUCT SYNONYMS

HIPK3; Polyclonal Antibody; HIPK3 Antibody; 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

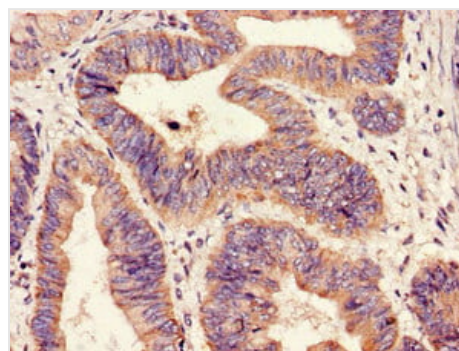
Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	>95%, Protein G purified
Form/Format	Liquid
Sequence Length	1194
Applicable Applications for anti-HIPK3 antibody	IF (Immunofluorescence), IHC (Immunohistochemistry), ELISA
Immunogen	Recombinant Human Homeodomain-interacting protein kinase 3 protein (841-1130AA)
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



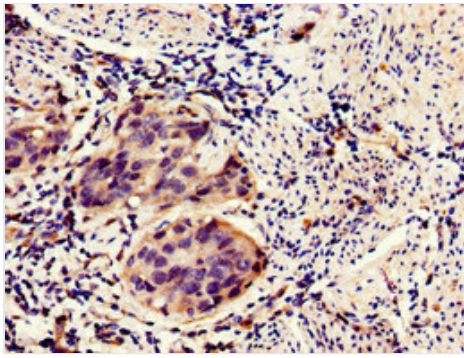
IHC (Immunohistochemisry)

Immunofluorescent analysis of MCF-7 cells using AAA233798 at a dilution of 1:100 and Alexa Fluor 488-conjugated AffiniPure Goat Anti-Rabbit IgG(H+L)



IHC (Immunohiostchemistry)

Immunohistochemistry of paraffin-embedded human colon cancer using AAA233798 at dilution of 1:100



IHC (Immunohistochemistry)
Immunohistochemistry of paraffin-embedded human bladder cancer using AAA233798 at dilution of 1:100

ADDITIONAL INFORMATION

Related Product Information for anti-HIPK3 antibody	Serine/threonine-protein kinase involved in transcription regulation, apoptosis and steroidogenic gene expression. Phosphorylates JUN and RUNX2. Seems to negatively regulate 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).
Product Categories/Family for anti-HIPK3 antibody	Epigenetics and Nuclear Signaling; Cell biology; Signal transduction

NCBI AND UNIPROT INFORMATION

NCBI GI #	114796630
NCBI GeneID	10114
NCBI Accession #	NP_001041665.1
NCBI GenBank Nucleotide #	NM_001048200.2
UniProt Accession #	Q9H422; O14632; Q2PBG4; Q2PBG5; Q92632; Q9HAS2
Molecular Weight	131,256 Da
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

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.