

HIPK3 Polyclonal Antibody

Catalog No :	YN1704
Reactivity :	Human;Rat;Mouse;
Applications :	WB;ELISA
Target :	HIPK3
Fields :	>>Cellular senescence
Gene Name :	HIPK3 DYRK6 FIST3 PKY
Protein Name :	Homeodomain-interacting protein kinase 3 (EC 2.7.11.1) (Androgen receptor-interacting nuclear protein kinase) (ANPK) (Fas-interacting serine/threonine-protein kinase) (FIST) (Homolog of protein kinase
Human Gene Id :	10114
Human Swiss Prot No :	Q9H422
Mouse Swiss Prot No :	Q9ERH7
Rat Swiss Prot No :	O88850
Immunogen :	Synthesized peptide derived from human protein . at AA range: 770-850
Specificity :	HIPK3 Polyclonal Antibody detects endogenous levels of protein.
Formulation :	Liquid in PBS containing 50% glycerol, and 0.02% sodium azide.
Source :	Polyclonal, Rabbit,IgG
Dilution :	WB 1:500-2000 ELISA 1:5000-20000
Purification :	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
Concentration :	1 mg/ml

Storage Stability :	-15 °C to -25 °C/1 year(Do not lower than -25 °C)
Observed Band :	133kD
Background :	<p>catalytic activity:ATP + a protein = ADP + a phosphoprotein.,function: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.,PTM:Autophosphorylated, but autophosphorylation is not required for catalytic activity.,PTM:May be sumoylated.,similarity:Belongs to the protein kinase superfamily. CMGC Ser/Thr protein kinase family. HIPK subfamily.,similarity:Contains 1 protein kinase domain.,subunit:Interacts with Nkx1-2. Interacts with FAS and DAXX. Probably part of a complex consisting of HIPK3, FAS and FADD. Interacts with and stabilizes ligand-bound androgen receptor (AR) (By similarity). Interacts with UBL1/SUMO-1.,tissue specificity:Overexpressed in multidrug resistant cells. Highly expressed in heart and skeletal muscle, and at lower levels in placenta, pancreas, brain, spleen, prostate, thymus, testis, small intestine, colon and leukocytes. Not found in liver and lung.,</p>
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Subcellular Location :	Cytoplasm . Nucleus .
Expression :	Overexpressed in multidrug resistant cells. Highly expressed in heart and skeletal muscle, and at lower levels in placenta, pancreas, brain, spleen, prostate, thymus, testis, small intestine, colon and leukocytes. Not found in liver and lung.
Sort :	19459
No4 :	1

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