

Immunotag™ HIPK3 Polyclonal Antibody

Antibody Specification	
Catalog No.	ITN1704
Product Description	Immunotag™ HIPK3 Polyclonal Antibody
Size	50 µg, 100 µg
Conjugation	HRP, Biotin, FITC, Alexa Fluor® 350, Alexa Fluor® 405, Alexa Fluor® 488, Alexa Fluor® 555, Alexa Fluor® 594, Alexa Fluor® 647
IMPORTANT NOTE	This product is custom manufactured with a lead time of 3-4 weeks. Once in production, this item cannot be cancelled from an order and is not eligible for return.
Target Protein	HIPK3
Clonality	Polyclonal
Storage/Stability	-20°C/1 year
Application	WB,ELISA
Recommended Dilution	WB 1:500-2000 ELISA 1:5000-20000
Concentration	1 mg/ml
Reactive Species	Human
Host Species	Rabbit
Immunogen	Synthesized peptide derived from human protein, at AA range: 770-850
Specificity	HIPK3 Polyclonal Antibody detects endogenous levels of protein.
Purification	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen
Form	Liquid in PBS containing 50% glycerol, and 0.02% sodium azide.
Gene Name	HIPK3 DYRK6 FIST3 PKY
Accession No.	Q9H422 Q9ERH7 O88850

Antibody Specification

Description	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.,
Protein Expression	Testis,
Subcellular Localization	nucleus,cytoplasm,PML body,
Protein Function	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.,
Usage	For Research Use Only! Not for diagnostic or therapeutic procedures.