



NUAK2 Polyclonal Antibody

Catalog No	YP-Ab-06739
Isotype	IgG
Reactivity	Human;Rat;Mouse;
Applications	WB;ELISA
Gene Name	NUAK2 OMPHK2 SNARK
Immunogen	Synthesized peptide derived from part region of human protein
Specificity	NUAK2 Polyclonal Antibody detects endogenous levels of protein.
Formulation	Liquid in PBS containing 50% glycerol, and 0.02% sodium azide.
Source	Polyclonal, Rabbit,IgG
Purification	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
Dilution	WB 1:500-2000 ELISA 1:5000-20000
Concentration	1 mg/ml
Purity	≥90%
Storage Stability	-20°C/1 year
Synonyms	SNARK;OMPHK2;NUAK family SNF1-like kinase 2;NUAK 2;EC:2.7.11.1;NUAK2;NUAK2 OMPHK2 SNARK;NUAK family SNF1-like kinase 2 (EC 2.7.11.1) (Omphalocyte kinase 2) (SNF1/AMP kinase-related kinase) (SNARK)
Observed Band	70kDa
Calculated Molecular Weight	70kDa
Cell Pathway	nucleus,cytoplasm,nuclear speck,
Tissue Specificity	Fetal kidney,Lymph,Teratocarcinoma,Testis,
Function	catalytic activity:ATP + a protein = ADP + a phosphoprotein., cofactor:Magnesium.,enzyme regulation:Activated by phosphorylation on Thr-208 by STK11 in complex with STE20-related adapter-alpha (STRAD alpha) pseudo kinase and CAB39.,function:Stress-activated kinase involved in tolerance to glucose starvation. Induces cell-cell detachment by increasing F-actin conversion to G-actin. Expression is induced by CD95 or TNF-alpha, via NF-kappa-B. Protects cells from CD95-mediated apoptosis and is required for the increased motility and invasiveness of CD95-activated tumor cells., PTM:Autophosphorylated in vitro.,similarity:Belongs to the protein kinase superfamily. CAMK Ser/Thr protein kinase family. SNF1 subfamily., similarity:Contains 1 protein kinase domain.,

Background

catalytic activity:ATP + a protein = ADP + a phosphoprotein.,
cofactor:Magnesium.,enzyme regulation:Activated by phosphorylation on Thr-208 by STK11 in complex with STE20-related adapter-alpha (STRAD alpha) pseudo kinase and CAB39.,function:Stress-activated kinase involved in tolerance to glucose starvation. Induces cell-cell detachment by increasing F-actin conversion to G-actin. Expression is induced by CD95 or TNF-alpha, via NF-kappa-B. Protects cells from CD95-mediated apoptosis and is required for the increased motility and invasiveness of CD95-activated tumor cells.,
PTM:Autophosphorylated in vitro.,similarity:Belongs to the protein kinase superfamily. CAMK Ser/Thr protein kinase family. SNF1 subfamily.,
similarity:Contains 1 protein kinase domain.,

matters needing attention

Avoid repeated freezing and thawing!

Usage suggestions

This product can be used in immunological reaction related experiments. For more information, please consult technical personnel.

Products Images