

NUAK1 rabbit pAb antibody

Catalog No :	Source:	Concentration :	Mol.Wt. (Da):
A18631	Rabbit	1 mg/ml	
Applications	WB,ELISA		
Reactivity	Human,Mouse		
Dilution	WB 1:500-2000 ELISA 1:5000-20000		
Storage	-20°C/1 year		
Specificity	NUAK1 Polyclonal Antibody detects endogenous levels of protein.		
Source / Purification	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.		
Immunogen	Synthesized peptide derived from human protein . at AA range: 530-610		
Uniprot No	O60285		
Alternative names			
Form	Liquid in PBS containing 50% glycerol, and 0.02% sodium azide.		
Clonality	Polyclonal		
Isotype	IgG		
Conjugation			
Background	catalytic activity:ATP + a protein = ADP + a phosphoprotein.,cofactor:Magnesium.,enzyme regulation:Activated by PKB/AKT1 during glucose starvation. Activated by phosphorylation on Thr-211 by STK11 in complex with STE20-related adapter-alpha (STRAD alpha) pseudo kinase and CAB39.,function:Involved in tolerance to glucose starvation. Phosphorylates ATM. Suppresses Fas-induced apoptosis by phosphorylation of CASP6, thus suppressing the activation of the caspase and the subsequent cleavage of CFLAR.,similarity:Belongs to the protein kinase superfamily.,similarity:Belongs to the protein kinase superfamily. CAMK Ser/Thr protein kinase family. SNF1 subfamily.,similarity:Contains 1 protein kinase domain.,tissue specificity:Expressed at high levels in heart and brain, and at lower levels in skeletal muscle, kidney, ovary, placenta, lung and liver.,		
Other	NUAK1 ARK5 KIAA0537 OMPHK1, NUAK family SNF1-like kinase 1 (EC 2.7.11.1) (AMPK-related protein kinase 5) (ARK5) (Omphalocele kinase 1)		

Product Images:

Application Key:

WB-Western IP-Immunoprecipitation IHC-Immunohistochemistry ChIP-Chromatin Immunoprecipitation

IF-Immunofluorescence F-Flow Cytometry E-P-ELISA-Peptide

Species Cross-Reactivity Key:

H-Human M-Mouse R-Rat Hm-Hamster Mk-Monkey Vir-Virus Mi-Mink C-Chicken Dm-D. melanogaster

X-Xenopus Z-Zebrafish B-Bovine Dg-Dog Pg-Pig Sc-S. cerevisiae Ce-C. elegans Hr-Horse All-All

Species Expected

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