

QIK/QSK rabbit pAb

Catalog No :	YT7998
Reactivity :	Human;Mouse;Rat
Applications :	WB
Target :	QIK/QSK
Fields :	>>Glucagon signaling pathway
Gene Name :	SIK2 KIAA0781 QIK SNF1LK2
Protein Name :	QIK/QSK
Human Gene Id :	23235
Human Swiss Prot No :	Q9H0K1
Mouse Gene Id :	235344
Mouse Swiss Prot No :	Q8CFH6
Immunogen :	Synthesized peptide derived from human QIK/QSK
Specificity :	This antibody detects endogenous levels of QIK/QSK at Human, Mouse,Rat
Formulation :	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
Source :	Polyclonal, Rabbit,IgG
Dilution :	WB 1:500-2000
Purification :	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
Concentration :	1 mg/ml

Storage Stability :	<u>-15°C to -25°C/1 year(Do not lower than -25°C)</u>
Observed Band :	<u>105kD</u>
Function :	<u>catalytic activity:ATP + a protein = ADP + a phosphoprotein.,cofactor:Magnesium.,enzyme regulation:Activated by phosphorylation on Thr-175 by STK11 in complex with STE20-related adapter-alpha (STRAD alpha) pseudo kinase and CAB39.,function:Phosphorylates 'Ser-794' of IRS1 in insulin-stimulated adipocytes, potentially modulating the efficiency of insulin signal transduction. Inhibits CREB activity by phosphorylating and repressing TORCs, the CREB-specific coactivators.,similarity:Belongs to the protein kinase superfamily. CAMK Ser/Thr protein kinase family. AMPK subfamily.,similarity:Contains 1 protein kinase domain.,similarity:Contains 1 UBA domain.,subunit:Interacts with and phosphorylates TORC2/CRTC2.,</u>
Subcellular Location :	<u>Cytoplasm . Endoplasmic reticulum membrane .</u>
Expression :	<u>Brain,Colon,Lung,Testis,</u>
Sort :	<u>25071</u>
No4 :	<u>1</u>
Host :	<u>Rabbit</u>
Modifications :	<u>Unmodified</u>

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