

Product name:	QIK/QSK (Phospho-Thr175/163) Rabbit Polyclonal Antibody
Cat number:	ABN06061
Conjugate:	Unconjugated
Size:	100µL
Clone:	Polyclonal
Concentration:	1mg/ml
Host:	Rabbit
Isotype:	IgG
Immunogen:	Synthesized peptide derived from human QIK/QSK (Phospho-Thr175/163)
Reactivity:	Human, Mouse, Rat
Applications:	WB 1:500-1:2000
Molecular Weight:	86kDa
Purification:	Affinity purification
Form:	Liquid
Buffer:	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% New type preservative N.
Storage:	Store at 4°C short term. Aliquot and store at -20°C for 12 months. Avoid freeze/thaw cycles.
Background:	catalytic activity:ATP + a protein = ADP + a phosphoprotein., cofactor:Magnesium., enzyme regulation:Activated by phosphorylation on Thr-182 by STK11 in complex with STE20-related adapter-alpha (STRAD alpha) pseudo kinase and CAB39., function:Transient role during the earliest stages of myocardial cell differentiation and/or primitive chamber formation and may also be important for the earliest stages of skeletal muscle growth and/or differentiation. Potential role in G2/M cell cycle regulation. Inhibits CREB activity by phosphorylating and repressing the CREB-specific coactivators, CRTC1-3., PTM:Phosphorylated upon DNA damage, probably by ATM or ATR., 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., subcellular location:Translocates to the cytoplasm on phosphorylation where it binds binding to YWHAZ., subunit:Binds to and is activated by YWHAZ when phosphorylated on Thr-182.,