

## QIK/QSK rabbit pAb

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|------------------------------|---|
| <b>Catalog No :</b>          | YT8006  |
| <b>Reactivity :</b>          | Human;Mouse;Rat   |
| <b>Applications :</b>        | WB  |
| <b>Target :</b>              | QIK/QSK   |
| <b>Fields :</b>              | >>Glucagon signaling pathway  |
| <b>Gene Name :</b>           | SIK1 SIK SNF1LK   |
| <b>Protein Name :</b>        | QIK/QSK   |
| <b>Human Gene Id :</b>       | 150094  |
| <b>Human Swiss Prot No :</b> | P57059  |
| <b>Mouse Gene Id :</b>       | 17691   |
| <b>Mouse Swiss Prot No :</b> | Q60670  |
| <b>Rat Gene Id :</b>         | 59329   |
| <b>Rat Swiss Prot No :</b>   | Q9R1U5  |
| <b>Immunogen :</b>           | Synthesized peptide derived from human QIK/QSK                          |
| <b>Specificity :</b>         | This antibody detects endogenous levels of QIK/QSK at Human, Mouse,Rat  |
| <b>Formulation :</b>         | Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide. |
| <b>Source :</b>              | Polyclonal, Rabbit,IgG  |
| <b>Dilution :</b>            | WB 1:500-2000   |
| <b>Purification :</b>        | The antibody was affinity-purified from rabbit antiserum by affinity-   |

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chromatography using epitope-specific immunogen.

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**Concentration :** 1 mg/ml

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**Storage Stability :** -15°C to -25°C/1 year(Do not lower than -25°C)

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**Molecularweight :** 86kD

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**Function :** 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 phosp

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**Subcellular Location :** Cytoplasm . Nucleus . Locates to cytoplasm when inactive following cAMP-induced phosphorylation, probably by PKA (PubMed:29211348).

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**Expression :** Fetal lung,Spleen,Testis,

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**Sort :** 25079

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**No4 :** 1

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**Host :** Rabbit

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**Modifications :** Unmodified

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## Products Images