



## SGK2 Polyclonal Antibody

Catalog No     BYab-06139       Isotype     IgG       Reactivity     Human;Rat;Mouse       Applications     WB;ELISA       Gene Name     SGK2       Protein Name     Serine/threonine-protein kinase Sgk2 (EC 2.7.11.1) (Serum/glucocorticoid-regulated kinase 2)       Immunogen     Synthesized peptide derived from part region of human protein       Specificity     SGK2 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     Observed Band     46kD       Cell Pathway     Cytoplasm . Nucleus .       Tissue Specificity     Highly expressed in liver, kidney and pancreas, and at lower levels in brain.       Function     catalytic activity.ATP + a protein = ADP + a phosphoprotein, caution:Not in the kinase domain (Thr-253) and the other in the C-terminal regulatory region (Ser-416), need to be phosphorylated for its full activation, function involved in the activation of potassium, channels, similarity. Eeloops to the protein kinase		
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protein kinase family.,similarity:Belongs to the protein kinase superfamily. AGC Ser/Thr protein kinase family.,similarity:Contains 1 AGC-kinase C-terminal domain.,similarity:Contains 1 protein kinase domain.,tissue specificity:Highly expressed in liver, kidney and pancreas, and at lower levels in brain.,	Function	regulated by serum or glucocorticoids.,enzyme regulation:Two specific sites, one in the kinase domain (Thr-253) and the other in the C-terminal regulatory region (Ser-416), need to be phosphorylated for its full activation.,function:Involved in the activation of potassium channels.,similarity:Belongs to the protein kinase superfamily.,similarity:Belongs to the protein kinase superfamily. AGC Ser/Thr protein kinase family.,similarity:Contains 1 AGC-kinase C-terminal domain.,similarity:Contains 1 protein kinase domain.,tissue specificity:Highly
Background  This gene encodes a serine/threonine protein kinase. Although this gene product is similar to serum- and glucocorticoid-induced protein kinase (SGK), this gene is	Background	This gene encodes a serine/threonine protein kinase. Although this gene product

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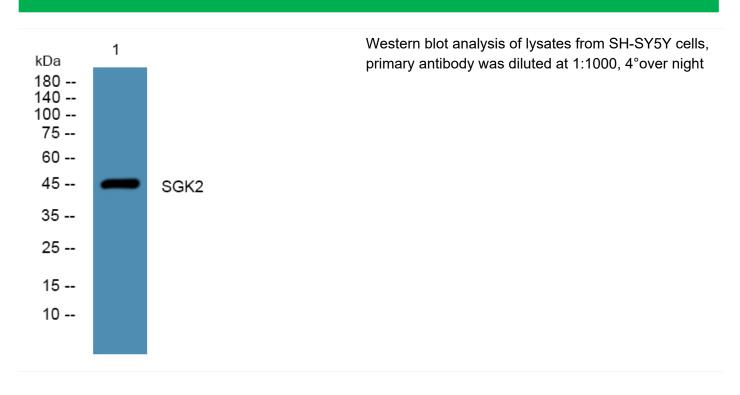


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	not induced by serum or glucocorticoids. This gene is induced in response to signals that activate phosphatidylinositol 3-kinase, which is also true for SGK. Alternative splicing results in multiple transcript variants. [provided by RefSeq, Nov 2010],
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**



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