

## Immunotag™ SGK2 Polyclonal Antibody

Antibody Specification	
Catalog No.	ITN1269
Product Description	Immunotag™ SGK2 Polyclonal Antibody
Size	50 µg, 100 µg
Conjugation	HRP, Biotin, FITC, Alexa Fluor® 350, Alexa Fluor® 405, Alexa Fluor® 488, Alexa Fluor® 555, Alexa Fluor® 594, Alexa Fluor® 647
IMPORTANT NOTE	This product is custom manufactured with a lead time of 3-4 weeks. Once in production, this item cannot be cancelled from an order and is not eligible for return.
Target Protein	SGK2
Clonality	Polyclonal
Storage/Stability	-20°C/1 year
Application	WB,ELISA
Recommended Dilution	WB 1:500-2000 ELISA 1:5000-20000
Concentration	1 mg/ml
Reactive Species	Human,Rat,Mouse
Host Species	Rabbit
Immunogen	Synthesized peptide derived from part region of human protein
Specificity	SGK2 Polyclonal Antibody detects endogenous levels of protein.
Purification	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen
Form	Liquid in PBS containing 50% glycerol, and 0.02% sodium azide.
Gene Name	SGK2
Accession No.	Q9HBY8 Q9QZS5 Q8R4U9
Description	SGK2, serine/threonine kinase 2(SGK2) Homo sapiens 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 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],

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Protein Expression	Brain,Colon,
Subcellular Localization	intracellular,nucleus,cytosol,
Protein Function	<p>catalytic activity:ATP + a protein = ADP + a phosphoprotein.,caution:Not 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 expressed in liver, kidney and pancreas, and at lower levels in brain.,</p>
Usage	For Research Use Only! Not for diagnostic or therapeutic procedures.