

Immunotag™ SGK3 Antibody

Antibody Specification	
Catalog No.	ITA3619
Product Description	Immunotag™ SGK3 Antibody
Size	100 µg, 200 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	SGK3
Clonality	Polyclonal
Storage/Stability	-20°C/1 year
Application	WB,ELISA
Recommended Dilution	WB 1:500-1:2000
Concentration	1 mg/ml
Reactive Species	Human,Mouse,Rat
Host Species	Rabbit
Immunogen	A synthesized peptide
Specificity	SGK3 antibody detects endogenous levels of total SGK3
Purification	The antiserum was purified by peptide affinity chromatography.
Form	Rabbit IgG in phosphate buffered saline, pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Gene Name	SGK3
Accession No.	Q96BR1
Alternate Names	CISK; Cytokine independent survival kinase; DKFZp781N0293; Serine/threonine protein kinase Sgk3; Serine/threonine-protein kinase Sgk3; Serum/glucocorticoid regulated kinase 3; Serum/glucocorticoid regulated kinase family member 3; Serum/glucocorticoid regulated kinase like; Serum/glucocorticoid-regulated kinase 3; Serum/glucocorticoid-regulated kinase-like; SGK 2; SGK 3; SGK2; Sgk3; SGK3_HUMAN; SGKL;

Antibody Specification

Description	Serine/threonine-protein kinase which is involved in the regulation of a wide variety of ion channels, membrane transporters, cell growth, proliferation, survival and migration. Up-regulates Na ⁺ channels: SCNN1A/ENAC and SCN5A, K ⁺ channels: KCNA3/KV1.3, KCNE1, KCNQ1 and KCNH2/HERG, epithelial Ca ²⁺ channels: TRPV5 and TRPV6, chloride channel: BSND, creatine transporter: SLC6A8, Na ⁺ /dicarboxylate cotransporter: SLC13A2/NADC1, Na ⁺ -dependent phosphate cotransporter: SLC34A2/NAPI-2B, amino acid transporters: SLC1A5/ASCT2 and SLC6A19, glutamate transporters: SLC1A3/EAAT1, SLC1A6/EAAT4 and SLC1A7/EAAT5, glutamate receptors: GRIA1/GLUR1 and GRIK2/GLUR6, Na ⁺ /H ⁺ exchanger: SLC9A3/NHE3, and the Na ⁺ /K ⁺ ATPase. Plays a role in the regulation of renal tubular phosphate transport and bone density. Phosphorylates NEDD4L and GSK3B. Positively regulates ER transcription activity through phosphorylation of FLII. Negatively regulates the function of ITCH/AIP4 via its phosphorylation and thereby prevents CXCR4 from being efficiently sorted to lysosomes.
Cell Pathway/ Category	Primary Polyclonal Antibody
Protein MW	57 kDa
Usage	For Research Use Only! Not for diagnostic or therapeutic procedures.