

SGK3 (phospho-Thr320) rabbit pAb

Cat No.: ES13133

For research use only

Overview

Product Name SGK3 (phospho-Thr320) rabbit pAb

Host species Rabbit
Applications WB;IHC

Species Cross-Reactivity Human; Rat; Mouse;

Recommended dilutions WB 1:500-2000;IHC-p 1:50-300

Immunogen Synthesized phosho peptide around human SGK3

(Thr320)

Specificity This antibody detects endogenous levels of

Human SGK3 (phospho-Thr320)

Formulation Liquid in PBS containing 50% glycerol, 0.5% BSA and

0.02% sodium azide.

Storage Store at -20°C. Avoid repeated freeze-thaw cycles.

Protein Name SGK3 (Thr320)
Gene Name SGK3 CISK SGKL

Cytoplasmic vesicle . Early endosome. Recycling

endosome. Endosomal localization is a prerequisite for complete kinase activity. It is essential for its colocalization with the kinase responsible for phosphorylating Ser-486 thus allowing PDPK1

phosphoryla

Purification The antibody was affinity-purified from rabbit

antiserum by affinity-chromatography using

epitope-specific immunogen.

Clonality Polyclonal
Concentration 1 mg/ml
Observed band 54kD
Human Gene ID 100533105
Human Swiss-Prot Number Q96BR1

Alternative Names Serine/threonine-protein kinase Sgk3 (EC 2.7.11.1)

(Cytokine-independent survival kinase)
(Serum/glucocorticoid-regulated kinase 3)
(Serum/glucocorticoid-regulated kinase-like)

Background This gene is a member of the Ser/Thr protein kinase

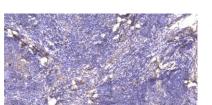


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family and encodes a phosphoprotein with a PX (phox homology) domain. The protein phosphorylates several target proteins and has a role in neutral amino acid transport and activation of potassium and chloride channels. Alternate transcriptional splice variants, encoding different isoforms, have been characterized. [provided by RefSeq, Jul 2008],



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Immunohistochemical analysis of paraffin-embedded human cervical carcinoma. 1, Antibody was diluted at 1:200(4° overnight). 2, Tris-EDTA,pH9.0 was used for antigen retrieval. 3,Secondary antibody was diluted at 1:200(room temperature, 45min).

