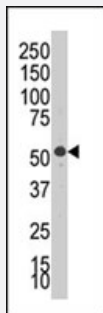


SGK2 polyclonal antibody

Catalog # PAB2319

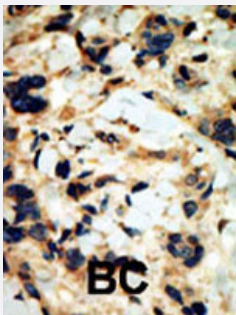
Size 400 uL

Applications



Western Blot (Tissue lysate)

Western blot analysis of SGK2 polyclonal antibody (Cat # PAB2319) in placenta lysate. SGK2 (arrow) was detected using purified polyclonal antibody. Secondary HRP-anti-rabbit was used for signal visualization with chemiluminescence.



Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections)

Formalin-fixed and paraffin-embedded human cancer tissue reacted with the SGK2 polyclonal antibody (Cat # PAB2319), which was peroxidase-conjugated to the secondary antibody, followed by DAB staining. This data demonstrates the use of this antibody for immunohistochemistry; clinical relevance has not been evaluated. BC = breast carcinoma.

Specification

Product Description	Rabbit polyclonal antibody raised against synthetic peptide of SGK2.
Immunogen	A synthetic peptide (conjugated with KLH) corresponding to C-terminus of human SGK2.
Host	Rabbit
Reactivity	Human
Form	Liquid
Purification	Protein G purification

Recommend Usage	Western Blot (1:1000) Immunohistochemistry (1:50-100) The optimal working dilution should be determined by the end user.
Storage Buffer	In PBS (0.09% sodium azide)
Storage Instruction	Store at 4°C. For long term storage store at -20°C. Aliquot to avoid repeated freezing and thawing.
Note	This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Applications

- Western Blot (Tissue lysate)

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Gene Info — SGK2

Entrez GeneID	10110
Protein Accession#	Q9HBY8
Gene Name	SGK2
Gene Alias	H-SGK2, dJ138B7.2
Gene Description	serum/glucocorticoid regulated kinase 2
Omim ID	607589
Gene Ontology	Hyperlink
Gene Summary	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. Two alternate transcripts encoding two different isoforms have been described. [provided by RefSeq]
Other Designations	OTTHUMP00000031702 OTTHUMP00000031703 OTTHUMP00000031705

Publication Reference

- [The serine/threonine kinases SGK2 and SGK3 are potent stimulators of the epithelial Na⁺ channel \$\alpha\$, \$\beta\$, \$\gamma\$ -ENaC.](#)

Friedrich B, Feng Y, Cohen P, Risler T, Vandewalle A, Broer S, Wang J, Pearce D, Lang F.

Pflügers Archiv 2003 Mar; 445(6):693.

- [Regulation of KCNE1-dependent K\(+\) current by the serum and glucocorticoid-inducible kinase \(SGK\) isoforms.](#)

Embark HM, Bohmer C, Vallon V, Luft F, Lang F.

Pflügers Archiv: European Journal of Physiology 2003 Feb; 445(5):601.

- [K⁺ channel activation by all three isoforms of serum- and glucocorticoid-dependent protein kinase SGK.](#)

Gamper N, Fillon S, Feng Y, Friedrich B, Lang PA, Henke G, Huber SM, Kobayashi T, Cohen P, Lang F.

Pflügers Archiv 2002 Oct; 445(1):60.