

SGK Antibody | anti-SGK antibody

SGK (Phospho-Ser422) Antibody

CATALOG # AAA110416	REACTIVITY Human, Mouse, Rat	APPLICATIONS ELISA, Immunohistochemistry, Western Blot
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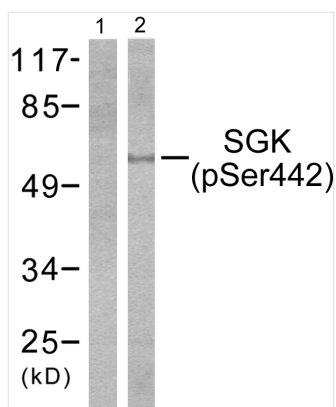
PRODUCT SYNONYMS

SGK; SGK (Phospho-Ser422) Antibody; SGK1; SERUM/GLUCOCORTICOID-REGULATED KINASE; anti-SGK antibody

PRODUCT SPECIFICATIONS

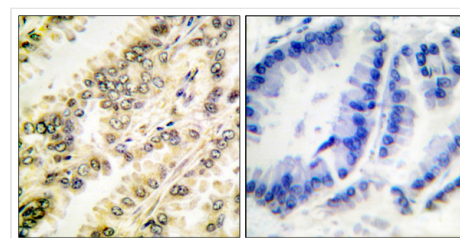
Reactivity	Human, Mouse, Rat
Specificity	SGK (phospho-Ser422) antibody detects endogenous levels of SGK only when phosphorylated at serine 422.
Purity/Purification	Affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific phosphopeptide. The antibody against non-phosphopeptide was removed by chromatography using non-phosphopeptide corresponding to the phosphorylation site.
Form/Format	In phosphate buffered saline (without Mg ²⁺ and Ca ²⁺), pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Sequence Length	526
Applicable Applications for anti-SGK antibody	ELISA, IHC (Immunohistochemistry), WB (Western Blot)
Immunogen	The antiserum was produced against synthesized phosphopeptide derived from human SGK around the phosphorylation site of serine 422 (G-F-SP-Y-A).
All Sites	Human: Ser422 Mouse: Ser422 Rat: Ser421
Preparation and Storage	Store at -20 degree C for 1 year

IMAGES



WB (Western Blot)

Western blot analysis of extracts from HeLa cells treated with Insulin (0.01U/ml, 15mins), using SGK (phospho-Ser422) antibody (#A0087, Line 1 and 2).



IHC (Immunohistochemistry)

P-peptide-+ Immunohistochemical analysis of paraffin-embedded human breast carcinoma tissue using SGK (phospho-Ser422) antibody (#A0087).

ADDITIONAL INFORMATION

Product Categories/Family for anti-SGK antibody	Autophagy antibody; Cancer; Cardiovascular; Cell Biology; Epigenetics & Nuclear Signaling; Developmental Biologys; Immunology; Drug Discovery Products; Metabolism; Neuroscience; Signal Transduction; Stem Cells
References	Nicola Perrotti, J. Biol. Chem., Mar 2001; 276: 9406-9412. Yun L. Ma, Learn. Mem., Mar 2006; 13: 114-118. Ge-Xin Wang, Am J Physiol Heart Circ Physiol, Aug 2004; 287: H533-H544. Bao-Hong Zhang, J. Biol. Chem., Aug 2001; 276: 31620-31626.

NCBI AND UNIPROT INFORMATION

NCBI GI #	219521876
NCBI GeneID	6446
NCBI Accession #	NP_001137148.1
NCBI GenBank Nucleotide #	NM_001143676.1
UniProt Accession #	O00141; Q5TCN2; Q5TCN3; Q5TCN4; Q5VY65; Q9UN56; B7UUP7; B7UUP8; B7UUP9; B7Z5B2; E1P583
Molecular Weight	52,119 Da
NCBI Official Full Name	serine/threonine-protein kinase Sgk1 isoform 2
NCBI Official Synonym Full Names	serum/glucocorticoid regulated kinase 1
NCBI Official Symbol	SGK1
NCBI Official Synonym Symbols	SGK
NCBI Protein Information	serine/threonine-protein kinase Sgk1
UniProt Protein Name	Serine/threonine-protein kinase Sgk1
UniProt Gene Name	SGK1
UniProt Synonym Gene Names	SGK

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/human-mouse-rat-antibody/sgk/110416>