Mouse SGK1 Monoclonal Antibody | anti-SGK1 antibody

SGK1 Monoclonal Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA173685	**Mouse**	**Human, Mouse, Rat**	**Immunohistochemistry**

PRODUCT SYNONYMS

SGK1; Monoclonal Antibody; SGK1 Monoclonal Antibody; anti-SGK1 antibody

PRODUCT SPECIFICATIONS

Host	Mouse
Reactivity	Human, Mouse, Rat
Clonality	Monoclonal
Isotype	IgG
Clone Number	4D12
Purity/Purification	Protein A purification
Form/Format	PBS with 0.02% sodium azide,0.5% BSA and 50% glycerol pH 7.4.
Applicable Applications for anti-SGK1 antibody	IHC (Immunohistochemistry)
Immunogen	Synthetic Peptide of SGK1
Note	Centrifuge before opening to ensure complete recovery of vial contents.
Preparation and Storage	Store at -20 degree C. Avoid freeze / thaw cycles.

IMAGES

IHC (Immunohiostchemistry)
Immunohistochemistry of paraffinembedded Human kidney carcinoma tissue using SGK1 Monoclonal Antibody at dilution of 1:200.

IHC (Immunohistochemistry)
Immunohistochemistry of paraffinembedded Human brain tissue using SGK1 Monoclonal Antibody at dilution of 1:200.

ADDITIONAL INFORMATION

Related Product Information for anti-SGK1 antibody	Protein kinase that plays an important role in cellular stress response. Activates certain potassium, sodium, and chloride channels, suggesting an involvement in the regulation of processes such as cell survival, neuronal excitability and renal sodium excretion. Sustained high levels and activity may contribute to conditions such as hypertension and diabetic nephropathy. Mediates cell survival signals, phosphorylates and negatively regulates pro-apoptotic FOXO3A. Phosphorylates NEDD4L, which leads to its inactivation and to the subsequent activation of various channels and transporters such as ENaC, KCNA3/Kv1.3 or EAAT1. Isoform 2 exhibited a greater effect on cell plasma membrane expression of ENaC and Na(+) transport than isoform 1.

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
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/monoclonal/sgk1-antibody-clone-4d12-immunohistochemistry-elisa/173685