

SGK2 Antibody (Kinase Domain)
Rabbit Polyclonal Antibody
Catalog # ALS10893**Specification**

SGK2 Antibody (Kinase Domain) - Product Information

Application	IHC-P, E
Primary Accession	Q9HBY8
Reactivity	Human, Bovine
Host	Rabbit
Clonality	Polyclonal
Calculated MW	48kDa KDa
Dilution	IHC-P~~N/A E~~N/A

SGK2 Antibody (Kinase Domain) - Additional Information**Gene ID** 10110**Other Names**

Serine/threonine-protein kinase Sgk2, 2.7.11.1, Serum/glucocorticoid-regulated kinase 2, SGK2

Target/Specificity

Human SGK2. BLAST analysis of the peptide immunogen showed no homology with other human proteins, except SGK3 (67%).

Reconstitution & Storage

Long term: -70°C; Short term: +4°C

Precautions

SGK2 Antibody (Kinase Domain) is for research use only and not for use in diagnostic or therapeutic procedures.

SGK2 Antibody (Kinase Domain) - Protein Information**Name** SGK2**Function**

Serine/threonine-protein kinase which is involved in the regulation of a wide variety of ion channels, membrane transporters, cell growth, survival and proliferation. Up-regulates Na(+) channels: SCNN1A/ENAC, K(+) channels: KCNA3/Kv1.3, KCNE1 and KCNQ1, amino acid transporter: SLC6A19, glutamate transporter: SLC1A6/EAAT4, glutamate receptors: GRIA1/GLUR1 and GRIK2/GLUR6, Na(+)/H(+) exchanger: SLC9A3/NHE3, and the Na(+)/K(+) ATPase.

Cellular Location

Cytoplasm. Nucleus

Tissue Location

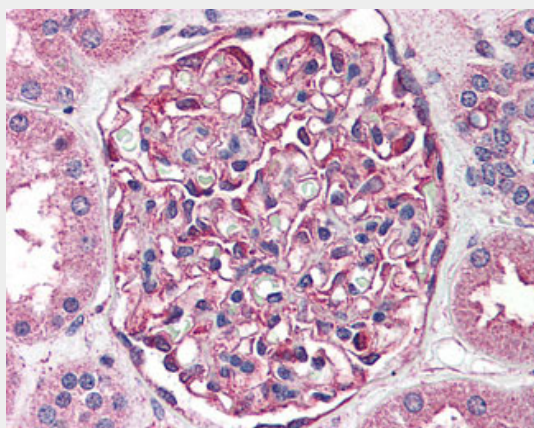
Highly expressed in liver, kidney and pancreas, and at lower levels in brain.

SGK2 Antibody (Kinase Domain) - Protocols

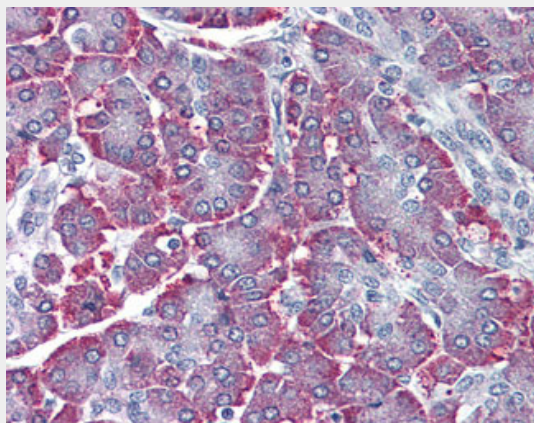
Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

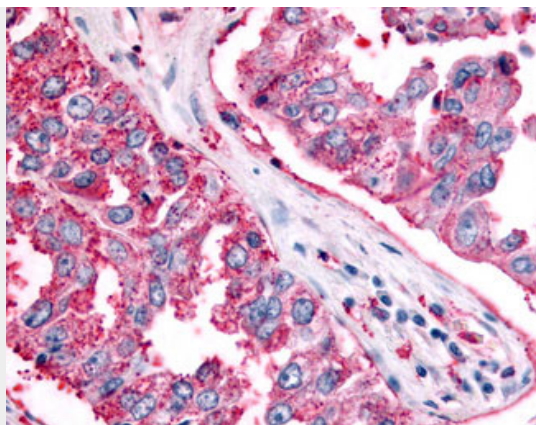
SGK2 Antibody (Kinase Domain) - Images



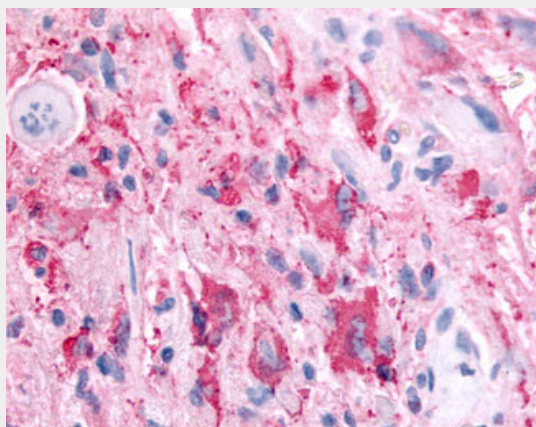
Anti-SGK2 antibody ALS10893 IHC of human kidney.



Anti-SGK2 antibody ALS10893 IHC of human pancreas.



Anti-SGK2 antibody IHC of human Lung, Non-Small Cell Carcinoma.



Anti-SGK2 antibody IHC of human Brain, Glioblastoma.

SGK2 Antibody (Kinase Domain) - Background

Serine/threonine-protein kinase which is involved in the regulation of a wide variety of ion channels, membrane transporters, cell growth, survival and proliferation. Up- regulates Na(+) channels: SCNN1A/ENAC, K(+) channels: KCNA3/Kv1.3, KCNE1 and KCNQ1, amino acid transporter: SLC6A19, glutamate transporter: SLC1A6/EAAT4, glutamate receptors: GRIA1/GLUR1 and GRIK2/GLUR6, Na(+)/H(+) exchanger: SLC9A3/NHE3, and the Na(+)/K(+) ATPase.

SGK2 Antibody (Kinase Domain) - References

Kobayashi T.,et al.Biochem. J. 344:189-197(1999).
Li H.,et al.Submitted (MAR-2005) to the EMBL/GenBank/DDBJ databases.
Kalnina N.,et al.Submitted (OCT-2004) to the EMBL/GenBank/DDBJ databases.
Deloukas P.,et al.Nature 414:865-871(2001).
Henke G.,et al.Kidney Blood Press. Res. 25:370-374(2002).