

SGK3 Polyclonal antibody

Catalog Number: 22100-1-AP

Basic Information

Catalog Number:

22100-1-AP

Size:

330 µg/ml

Source:

Rabbit

Isotype:

IgG

Immunogen Catalog Number:

AG17308

GenBank Accession Number:

BC015326

GeneID (NCBI):

23678

UNIPROT ID:

Q53EW6

Full Name:serum/glucocorticoid regulated
kinase family, member 3**Calculated MW:**

496 aa, 57 kDa

Observed MW:

42 kDa, 57 kDa

Purification Method:

Antigen affinity purification

Recommended Dilutions:

IHC 1:100-1:400

Applications

Tested Applications:

IHC, ELISA

Species Specificity:

human, mouse

**Note-IHC: suggested antigen retrieval with
TE buffer pH 9.0; (*) Alternatively, antigen
retrieval may be performed with citrate
buffer pH 6.0**

Positive Controls:

IHC : human liver cancer tissue,

Background Information

Serum- and glucocorticoid-inducible kinase 3 (SGK3) is a protein kinase of the AGC family of protein kinase A, protein kinase G, and protein kinase C and functions downstream of phosphatidylinositol 3-kinase (PI3K) (PMID:21084382). It is also named as DKFZp781N0293, CISK, SGK2, SGK, and may be involved in the regulation of processes such as cell survival, neuronal excitability, and renal sodium excretion. SGK3 mediates cell IL-3-dependent survival signals (PMID:12397388). SGK3 has 2 isoforms produced by alternative splicing with the molecular weight of 57 kDa and 53 kDa and there is a isoform X3 can be detected with 378 amino acids (Sequence ID: ref|XP_005251262.1|).

Storage

Storage:

Store at -20°C. Stable for one year after shipment.

Storage Buffer:

PBS with 0.02% sodium azide and 50% glycerol pH 7.3.

Aliquoting is unnecessary for -20°C storage

For technical support and original validation data for this product please contact:

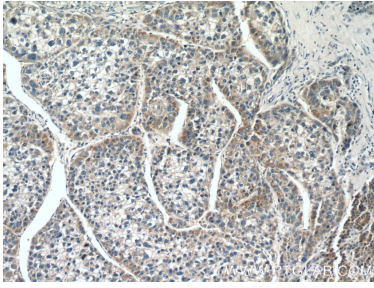
T: 4006900926

E: Proteintech-CN@ptglab.com

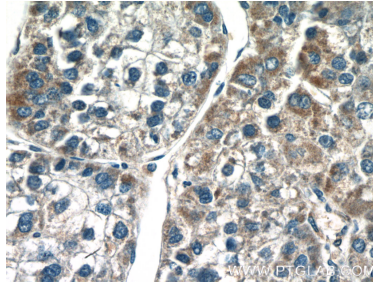
W: ptgcn.com

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Selected Validation Data



Immunohistochemical analysis of paraffin-embedded human liver cancer tissue slide using 22100-1-AP (SGK3 Antibody) at dilution of 1:200 (under 10x lens).



Immunohistochemical analysis of paraffin-embedded human liver cancer tissue slide using 22100-1-AP (SGK3 Antibody) at dilution of 1:200 (under 40x lens).