

For Research Use Only

SGK3 Polyclonal antibody

Catalog Number: 22100-1-AP



Basic Information

Catalog Number: 22100-1-AP	GenBank Accession Number: BC015326	Purification Method: Antigen affinity purification
Size: 150ul , Concentration: 333 µg/ml by Bradford method using BSA as the standard;	GeneID (NCBI): 23678	Recommended Dilutions: IHC 1:100-1:400
Source: Rabbit	UNIPROT ID: Q53EW6	
Isotype: IgG	Full Name: serum/glucocorticoid regulated kinase family, member 3	
Immunogen Catalog Number: AG17308	Calculated MW: 496 aa, 57 kDa	
	Observed MW: 42 kDa, 57 kDa	

Applications

Tested Applications: IHC, ELISA	Positive Controls: IHC : human liver cancer tissue,
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	

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

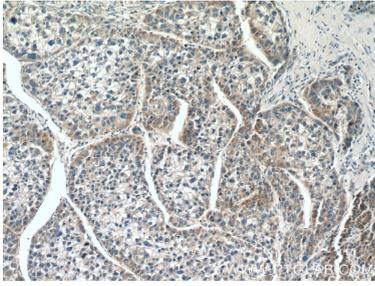
Storage:
Store at -20°C. Stable for one year after shipment.
Storage Buffer:
PBS with 0.02% sodium azide and 50% glycerol pH 7.3.
Aliquoting is unnecessary for -20°C storage

*** 20ul sizes contain 0.1% BSA

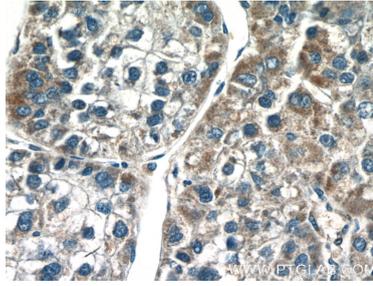
For technical support and original validation data for this product please contact:
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)
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Selected Validation Data



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).