

For Research Use Only

SBK2 Polyclonal antibody

Catalog Number: 32117-1-AP



Basic Information

Catalog Number: 32117-1-AP	GenBank Accession Number: NM_001101401	Purification Method: Antigen affinity Purification
Size: 150ul , Concentration: 350 ug/ml by Nanodrop;	GeneID (NCBI): 646643	Recommended Dilutions: WB 1:2000-1:10000 IF/ICC 1:200-1:800
Source: Rabbit	UNIPROT ID: POC263	
Isotype: IgG	Full Name: SH3-binding domain kinase family, member 2	
Immunogen Catalog Number: AG37233	Calculated MW: 38 kDa	
	Observed MW: 30 kDa	

Applications

Tested Applications: WB, IF/ICC, ELISA	Positive Controls:
Species Specificity: human	WB : A549 cells, HepG2 cells, Kasumi-1 cells IF/ICC : A549 cells,

Background Information

SH3 domain binding kinase family member 2 (SBK2, also known as SGK069), is an evolutionarily conserved putative serine/threonine protein kinase that plays a crucial role in cardiomyocyte differentiation, particularly in the formation and maintenance of sarcomeres. It is highly atrium-enriched and is muscle-specific, indicating its specialized function in cardiac muscle cells (PMID: 35587025). SBK2 may be useful for identifying and co-registering tumor borders during surgical resection (PMID: 23730413).

Storage

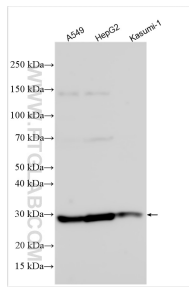
Storage:
Store at -20°C. Stable for one year after shipment.
Storage Buffer:
PBS with 0.02% sodium azide and 50% glycerol pH 7.3.
Aliquoting is unnecessary for -20°C storage

*** 20ul sizes contain 0.1% BSA

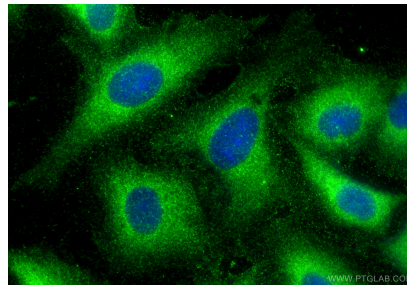
For technical support and original validation data for this product please contact:
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)
E: proteintech@ptglab.com
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Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 32117-1-AP (SBK2 antibody) at dilution of 1:5000 incubated at room temperature for 1.5 hours.



Immunofluorescent analysis of (-20°C Methanol) fixed A549 cells using SBK2 antibody (32117-1-AP) at dilution of 1:400 and CoraLite® 488-Conjugated Goat Anti-Rabbit IgG(H+L) (SA00013-2).