

For Research Use Only

SBK2 Polyclonal antibody

Catalog Number: 32117-1-AP



Basic Information

Catalog Number:

32117-1-AP

Size:

350 ug/ml

Source:

Rabbit

Isotype:

IgG

Immunogen Catalog Number:

AG37233

GenBank Accession Number:

NM_001101401

GeneID (NCBI):

646643

UNIPROT ID:

POC263

Full Name:

SH3-binding domain kinase family, member 2

Calculated MW:

38 kDa

Observed MW:

30 kDa

Purification Method:

Antigen affinity Purification

Recommended Dilutions:

WB 1:2000-1:10000

IF/ICC 1:200-1:800

Applications

Tested Applications:

WB, IF/ICC, ELISA

Species Specificity:

human

Positive Controls:

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

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

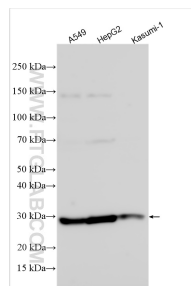
T: 4006900926

E: Proteintech-CN@ptglab.com

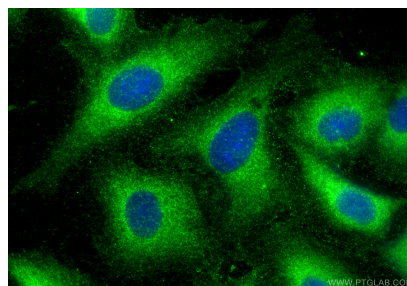
W: ptgcn.com

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Selected Validation Data



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).