

For Research Use Only

SPDYC Polyclonal antibody, PBS Only

Catalog Number:22471-1-PBS



Basic Information

Catalog Number: 22471-1-PBS	GenBank Accession Number: BC137244	Purification Method: Antigen Affinity purified
Size: 100ug , Concentration: 1 mg/ml by Nanodrop;	GeneID (NCBI): 387778	
Source: Rabbit	UNIPROT ID: Q5MJ68	
Isotype: IgG	Full Name: speedy homolog C (Xenopus laevis)	
Immunogen Catalog Number: AG18126	Calculated MW: 293 aa, 33 kDa	
	Observed MW: 33-40 kDa	

Applications

Tested Applications:
IHC, Indirect ELISA

Species Specificity:
human

Background Information

SPDYC(Speedy protein C), also known as RINGOC and Ringo2, promotes progression through the cell cycle via binding and activation of CDK1 and CDK2. Downregulation of SPDYC inhibits cell growth, reduces the fraction of cells in G1, and increases the S and G2 populations(PMID: 18802405). SPDYC is involved in the spindle-assembly checkpoint and required for recruitment of MAD2L1, BUBR1 and BUB1 to kinetochores(Uniprot).

Storage

Storage:
Store at -80°C.
Storage Buffer:
PBS only, pH7.3

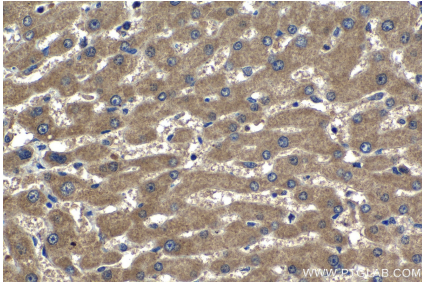
For technical support and original validation data for this product please contact:

T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)

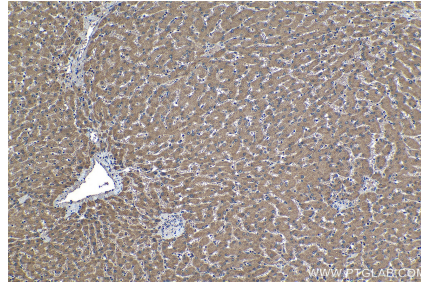
E: proteintech@ptglab.com
W: ptglab.com

This product is exclusively available under Proteintech Group brand and is not available to purchase from any other manufacturer.

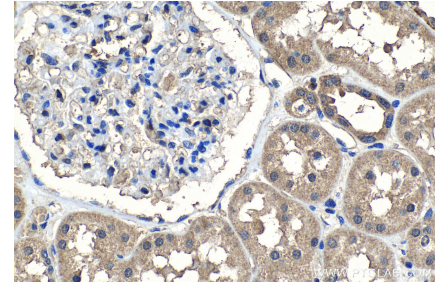
Selected Validation Data



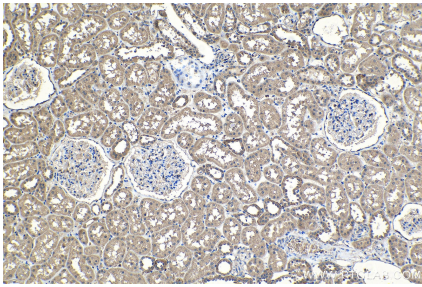
Immunohistochemical analysis of paraffin-embedded human liver tissue slide using 22471-1-AP (SPDYC antibody) at dilution of 1:500 (under 40x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0). This data was developed using the same antibody clone with 22471-1-PBS in a different storage buffer formulation.



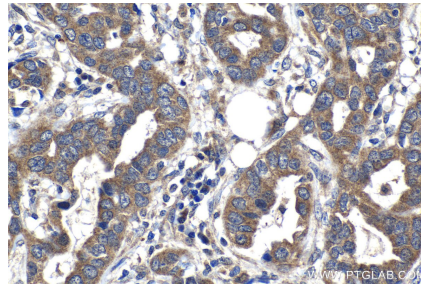
Immunohistochemical analysis of paraffin-embedded human liver tissue slide using 22471-1-AP (SPDYC antibody) at dilution of 1:500 (under 10x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0). This data was developed using the same antibody clone with 22471-1-PBS in a different storage buffer formulation.



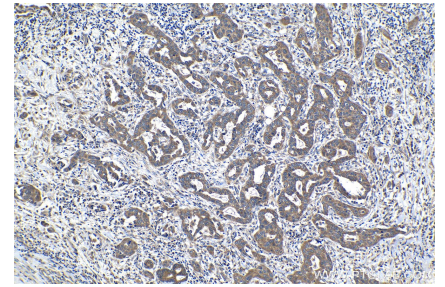
Immunohistochemical analysis of paraffin-embedded human kidney tissue slide using 22471-1-AP (SPDYC antibody) at dilution of 1:500 (under 40x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0). This data was developed using the same antibody clone with 22471-1-PBS in a different storage buffer formulation.



Immunohistochemical analysis of paraffin-embedded human kidney tissue slide using 22471-1-AP (SPDYC antibody) at dilution of 1:500 (under 10x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0). This data was developed using the same antibody clone with 22471-1-PBS in a different storage buffer formulation.



Immunohistochemical analysis of paraffin-embedded human lung cancer tissue slide using 22471-1-AP (SPDYC antibody) at dilution of 1:500 (under 40x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0). This data was developed using the same antibody clone with 22471-1-PBS in a different storage buffer formulation.



Immunohistochemical analysis of paraffin-embedded human lung cancer tissue slide using 22471-1-AP (SPDYC antibody) at dilution of 1:500 (under 10x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0). This data was developed using the same antibody clone with 22471-1-PBS in a different storage buffer formulation.