For Research Use Only

SPDYC Polyclonal antibody, PBS Only

Catalog Number:22471-1-PBS

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Antibodies | ELISA kits | Proteins
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Basic Information

Catalog Number:
22471-1-PBS

Source:
Rabbit

Isotype:
IgG

Immunogen Catalog Number:
AG18126

GenBank Accession Number:
BC137244

GeneID (NCBI):
387778

UNIPROT ID:
Q5MJ68

Full Name:
speedy homolog C (Xenopus laevis)

Calculated MW:
293 aa, 33 kDa

Observed MW:
33-40 kDa

Purification Method:
Antigen Affinity purified

Applications

Tested Applications:
IHC, Indirect ELISA

Species Specificity:
human

Background Information

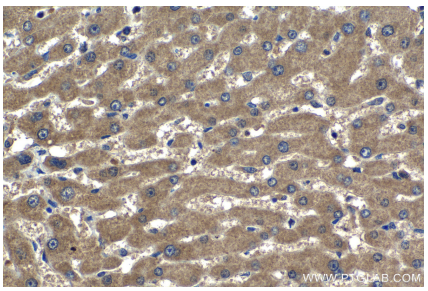
SPDYC(Speedy protein C), also known as RINGOC and Ringo2, promotes progression through the cell cycle via binding and activation of CDK1 and CDK2. Downregulation of SPDYC inhibits cell growth, reduces the fraction of cells in G1, and increases the S and G2 populations(PMID: 18802405). SPDYC is involved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

Storage

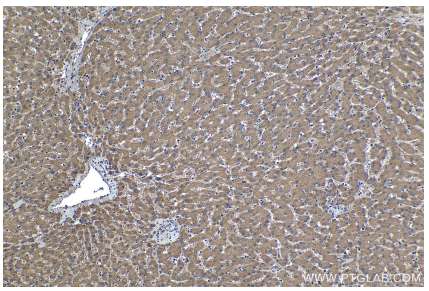
Storage:
Store at -80°C.
The product is shipped with ice packs. Upon receipt, store it immediately at -80°C
Storage Buffer:
PBS only, pH7.3

For technical support and original validation data for this product please contact:
T: 4006900926 E: Proteintech-CN@ptglab.com W: ptgcn.com

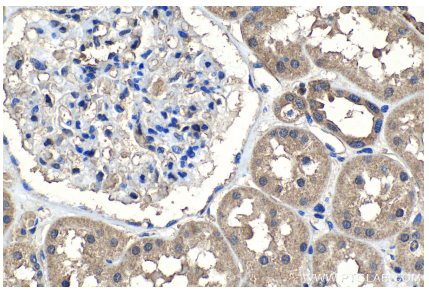
Selected Validation Data



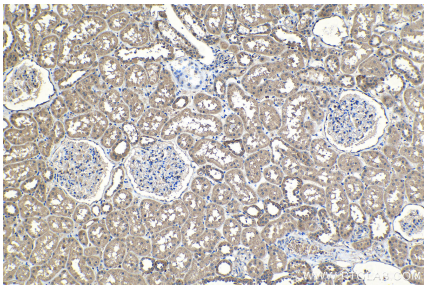
Immunohistochemical analysis of paraffin-embedded human liver tissue slide using 22471-1-AP (SPDYC antibody) at dilution of 1:500 (under 40x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0). This data was developed using the same antibody clone with 22471-1-PBS in a different storage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



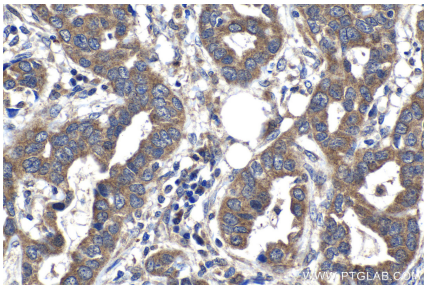
Immunohistochemical analysis of paraffin-embedded human liver tissue slide using 22471-1-AP (SPDYC antibody) at dilution of 1:500 (under 10x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0). This data was developed using the same antibody clone with 22471-1-PBS in a different storage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



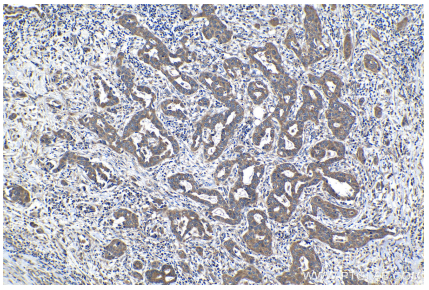
Immunohistochemical analysis of paraffin-embedded human kidney tissue slide using 22471-1-AP (SPDYC antibody) at dilution of 1:500 (under 40x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0). This data was developed using the same antibody clone with 22471-1-PBS in a different storage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