

For Research Use Only

SPRY4 Polyclonal antibody, PBS Only

Catalog Number: 22765-1-PBS

Featured Product



Basic Information

Catalog Number:

22765-1-PBS

Size:

100ug, Concentration: 1 mg/ml by Nanodrop;

Source:

Rabbit

Isotype:

IgG

Immunogen Catalog Number:

AG18574

GenBank Accession Number:

BC125095

GeneID (NCBI):

81848

UNIPROT ID:

Q9C004

Full Name:

sprouty homolog 4 (Drosophila)

Calculated MW:

299 aa, 33 kDa

Observed MW:

35-38 kDa

Purification Method:

Antigen affinity purification

Applications

Tested Applications:

WB, IHC, Indirect ELISA

Species Specificity:

human

Background Information

SPRY4, also named as Protein sprouty homolog 4, is a 299 amino acid protein, which contains one SPR (sprouty) domain and belongs to the sprouty family. SPRY4 Suppresses the INS receptor and EGFR-transduced MAPK signaling pathway, but does not inhibit MAPK activation by a constitutively active mutant Ras. Probably impairs the formation of GTP-Ras. SPRY4 has a cellular function to regulate the actin cytoskeleton, independent of its inhibitory activity on the Ras/MAP kinase signalling. SPRY1, SPRY2, SPRY3, SPRY4, are central and complex regulators of the receptor tyrosine kinase (RTK) signalling pathway.

Storage

Storage:

Store at -80°C.

Storage Buffer:

PBS Only

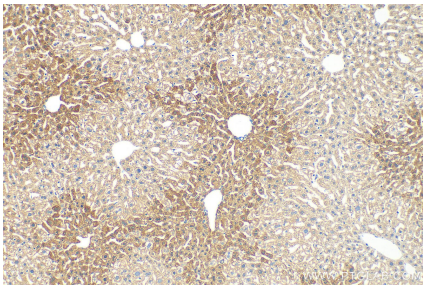
For technical support and original validation data for this product please contact:

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

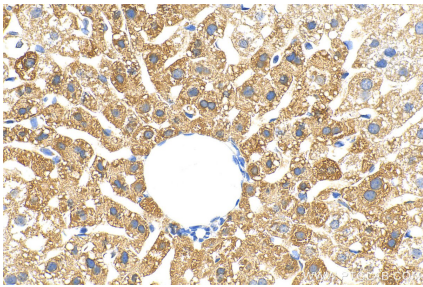
E: proteintech@ptglab.com
W: ptglab.com

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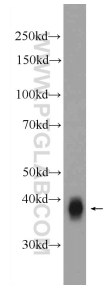
Selected Validation Data



Immunohistochemical analysis of paraffin-embedded mouse liver tissue slide using 22765-1-AP (SPRY4 antibody) at dilution of 1:200 (under 10x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0). This data was developed using the same antibody clone with 22765-1-PBS in a different storage buffer formulation.



Immunohistochemical analysis of paraffin-embedded mouse liver tissue slide using 22765-1-AP (SPRY4 antibody) at dilution of 1:200 (under 40x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0). This data was developed using the same antibody clone with 22765-1-PBS in a different storage buffer formulation.



A375 cells were subjected to SDS PAGE followed by western blot with 22765-1-AP (SPRY4 Antibody) at dilution of 1:1000 incubated at room temperature for 1.5 hours. This data was developed using the same antibody clone with 22765-1-PBS in a different storage buffer formulation.