

For Research Use Only

PORCN Polyclonal antibody, PBS Only

Catalog Number:20613-1-PBS



Basic Information

Catalog Number: 20613-1-PBS	GenBank Accession Number: BC019080	Purification Method: Antigen affinity purification
Concentration: 1 mg/ml	GeneID (NCBI): 64840	
Source: Rabbit	UNIPROT ID: Q9H237	
Isotype: IgG	Full Name: porcupine homolog (Drosophila)	
Immunogen Catalog Number: AG14664	Calculated MW: 461 aa, 52 kDa	
	Observed MW: 43-50 kDa	

Applications

Tested Applications:
WB, IHC, Indirect ELISA

Species Specificity:
human, mouse, rat

Background Information

PORCN is one of several related membrane-bound O-acyltransferase (MBOAT) enzymes encoding a 461 amino acid-sized (52 kDa) protein named porcupine located in the endoplasmic reticulum and known to be involved in the processing, secretion, and signaling of Wnt proteins (PMID: 17546031). Overexpression of PORCN could promote the proliferation and migration abilities of HCC cells both in vitro and in vivo (PMID: 37588740, 23188502).

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:

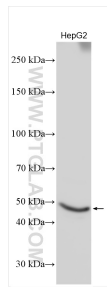
T: 4006900926

E: Proteintech-CN@ptglab.com

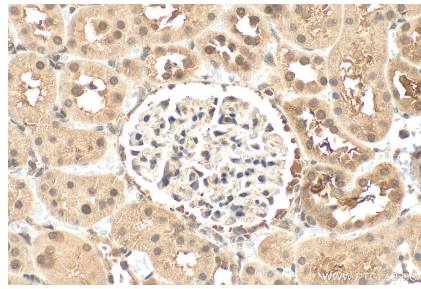
W: ptgcn.com

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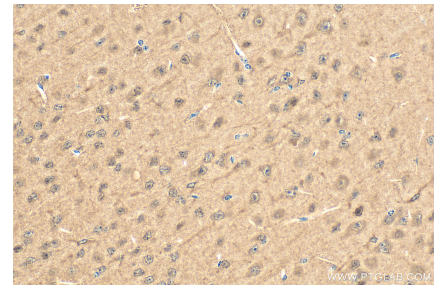
Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 20613-1-AP (PORCN antibody) at dilution of 1:3000 incubated at room temperature for 1.5 hours. This data was developed using the same antibody clone with 20613-1-PBS in a different storage buffer formulation.



Immunohistochemical analysis of paraffin-embedded rat kidney tissue slide using 20613-1-AP (PORCN 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 20613-1-PBS in a different storage buffer formulation.



Immunohistochemical analysis of paraffin-embedded mouse brain tissue slide using 20613-1-AP (PORCN 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 20613-1-PBS in a different storage buffer formulation.