

For Research Use Only

PORCN Polyclonal antibody, PBS Only

Catalog Number:20613-1-PBS



Basic Information

Catalog Number:

20613-1-PBS

Size:

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

Source:

Rabbit

Isotype:

IgG

Immunogen Catalog Number:

AG14664

GenBank Accession Number:

BC019080

GeneID (NCBI):

64840

UNIPROT ID:

Q9H237

Full Name:

porcupine homolog (Drosophila)

Calculated MW:

461 aa, 52 kDa

Observed MW:

43-50 kDa

Purification Method:

Antigen affinity purification

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.

Storage Buffer:

PBS only, pH7.3

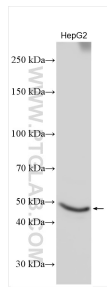
For technical support and original validation data for this product please contact:

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

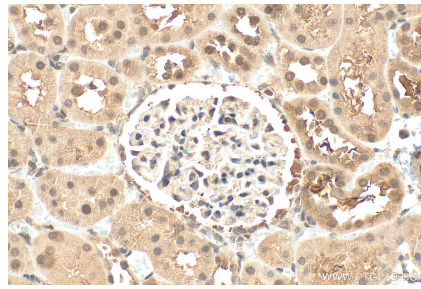
E: proteintech@ptglab.com
W: ptglab.com

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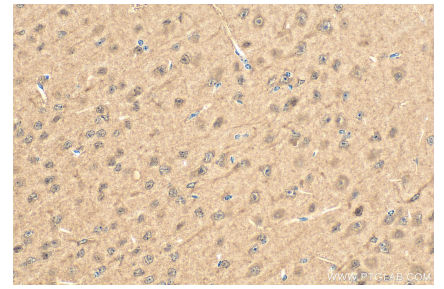
Selected Validation Data



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.