

For Research Use Only

PORCN Polyclonal antibody

Catalog Number: 20613-1-AP



Basic Information

Catalog Number: 20613-1-AP	GenBank Accession Number: BC019080	Purification Method: Antigen affinity purification
Size: 150ul , Concentration: 600 µg/ml by Nanodrop and 273 µg/ml by Bradford method using BSA as the standard;	GeneID (NCBI): 64840	Recommended Dilutions: WB 1:1000-1:6000
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, ELISA	Positive Controls: WB : HepG2 cells,
Species Specificity: human	

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

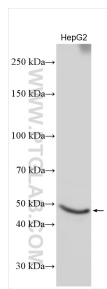
Storage:
Store at -20°C. Stable for one year after shipment.
Storage Buffer:
PBS with 0.02% sodium azide and 50% glycerol
Aliquoting is unnecessary for -20°C storage

*** 20ul sizes contain 0.1% BSA

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



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.