

For Research Use Only

DOC2B Polyclonal antibody

Catalog Number:20574-1-AP

Featured Product

8 Publications



Basic Information

Catalog Number:

20574-1-AP

Size:

150ul , Concentration: 260 ug/ml by Bradford method using BSA as the standard;

Source:

Rabbit

Isotype:

IgG

GenBank Accession Number:

NM_003585

GeneID (NCBI):

8447

UNIPROT ID:

Q14184

Full Name:

double C2-like domains, beta

Calculated MW:

46 kDa

Observed MW:

46 kDa

Purification Method:

Antigen affinity purification

Recommended Dilutions:

WB 1:1000-1:4000

IF/ICC 1:10-1:100

Applications

Tested Applications:

WB, IF/ICC, ELISA

Cited Applications:

WB, IF, CoIP

Species Specificity:

human, mouse, rat

Cited Species:

human, mouse, rat

Positive Controls:

WB : HEK-293 cells, mouse brain tissue, mouse kidney tissue

IF/ICC : HepG2 cells, Hela cells

Background Information

DOC2B may be involved in constitutive membrane trafficking including dynein-dependent intracellular vesicle transport. In vitro, binds calcium and phospholipids. The antibody is specific to DOC2B.

Notable Publications

Author	Pubmed ID	Journal	Application
Samatha Bhat	33758996	Cell Biol Toxicol	WB
Shama Prasada Kabekkodu	24570007	J Biol Chem	WB
Divya Adiga	35500882	Pharmacol Res	WB,CoIP

Storage

Storage:

Store at -20°C. Stable for one year after shipment.

Storage Buffer:

PBS with 0.02% sodium azide and 50% glycerol pH 7.3.

Aliquoting is unnecessary for -20°C storage

*** 20ul sizes contain 0.1%BSA

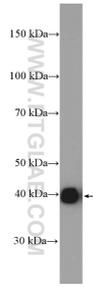
For technical support and original validation data for this product please contact:

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

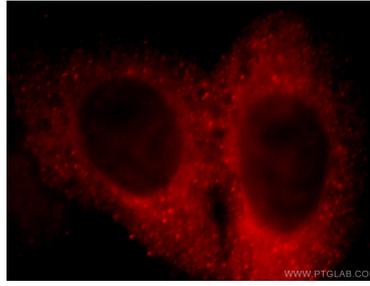
E: proteintech@ptglab.com
W: ptglab.com

This product is exclusively available under Proteintech Group brand and is not available to purchase from any other manufacturer.

Selected Validation Data



HEK-293 cells were subjected to SDS PAGE followed by western blot with 20574-1-AP (DOC2B antibody) at dilution of 1:2000 incubated at room temperature for 1.5 hours.



Immunofluorescent analysis of HepG2 cells, using DOC2B antibody 20574-1-AP at 1:25 dilution and Rhodamine-labeled goat anti-rabbit IgG (red).