

For Research Use Only

DSCR3 Polyclonal antibody

Catalog Number: 27243-1-AP



Basic Information

Catalog Number:

27243-1-AP

Size:

150ul, Concentration: 360 ug/ml by Nanodrop;

Source:

Rabbit

Isotype:

IgG

Immunogen Catalog Number:

AG23350

GenBank Accession Number:

BC110655

GeneID (NCBI):

10311

UNIPROT ID:

O14972

Full Name:

Down syndrome critical region gene 3

Observed MW:

30-33 kDa

Purification Method:

Antigen affinity purification

Recommended Dilutions:

IP: 0.5-4.0 ug for 1.0-3.0 mg of total protein lysate

Applications

Tested Applications:

IP, ELISA

Species Specificity:

human

Positive Controls:

IP: U-937 cells, SH-SY5Y cells

Background Information

DSCR3 (Down syndrome critical region protein 3) encodes VPS26C (Vacuolar protein sorting-associated protein 26C), a member of the retriever integral membrane protein recycling pathway. DSCR3 is a component of the commander complex that is essential for endosomal recycling of transmembrane cargos; the commander complex is composed of the CCC subcomplex and the retriever subcomplex (PMID: 31845315). DSCR3 specifically facilitates the transport of LRP1, but not of LDLR, from the endosomes to the plasma membrane, and hereby controls postprandial TG levels in plasma (PMID: 36353989, 35187626).

Storage

Storage:

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

Storage Buffer:

PBS with 0.02% sodium azide and 50% glycerol, pH7.3

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



IP result of anti-DSCR3 (IP:27243-1-AP, 4ug;
Detection:27243-1-AP 1:500) with U-937 cells
lysate 2160 ug.

IP result of anti-DSCR3 (IP:27243-1-AP, 4ug;
Detection:27243-1-AP 1:500) with SH-SY5Y cells
lysate 1480 ug.