For Research Use Only

DSCR3 Polyclonal antibody, PBS Only

Catalog Number:27243-1-PBS

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Basic Information

Catalog Number:
27243-1-PBS

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

Applications

Tested Applications:
IP, Indirect ELISA

Species Specificity:
human

Background Information

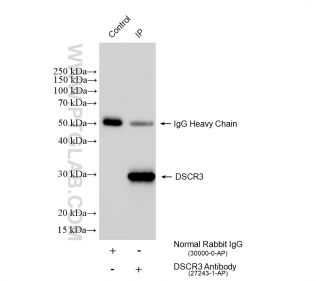
DSCR3 (Down syndrome critical region protein 3) encodes VPS26C (Vacuolar protein sorting-associated protein 26C), a member of the retriever integral membrane protein recycling pathway. DSCR3 is a component of the commander complex that is essential for endosomal recycling of transmembrane cargos; the 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

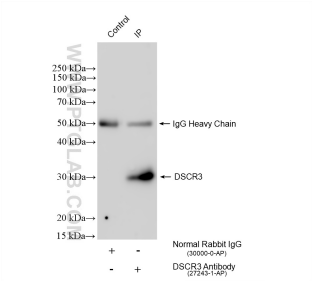
Storage:
Store at -80°C.
The product is shipped with ice packs. Upon receipt, store it immediately at -80°C
Storage Buffer:
PBS only, pH7.3

For technical support and original validation data for this product please contact:
T: 4006900926 E: Proteintech-CN@ptglab.com W: ptgcn.com

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. This data was developed using the same antibody clone with 27243-1-PBS in a different storage buffer formulation.



IP result of anti-DSCR3 (IP:27243-1-AP, 4ug; Detection:27243-1-AP 1:500) with SH-SY5Y cells lysate 1480 ug. This data was developed using the same antibody clone with 27243-1-PBS in a different storage buffer formulation.