

For Research Use Only

# DSCR3 Polyclonal antibody, PBS Only

Catalog Number: 27243-1-PBS



## Basic Information

<b>Catalog Number:</b> 27243-1-PBS	<b>GenBank Accession Number:</b> BC110655	<b>Purification Method:</b> Antigen affinity purification
<b>Size:</b> 100ug , Concentration: 1 mg/ml by Nanodrop;	<b>GeneID (NCBI):</b> 10311	
<b>Source:</b> Rabbit	<b>UNIPROT ID:</b> O14972	
<b>Isotype:</b> IgG	<b>Full Name:</b> Down syndrome critical region gene 3	
<b>Immunogen Catalog Number:</b> AG23350	<b>Observed MW:</b> 30-33 kDa	

## 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.

**Storage Buffer:**  
PBS only, pH7.3

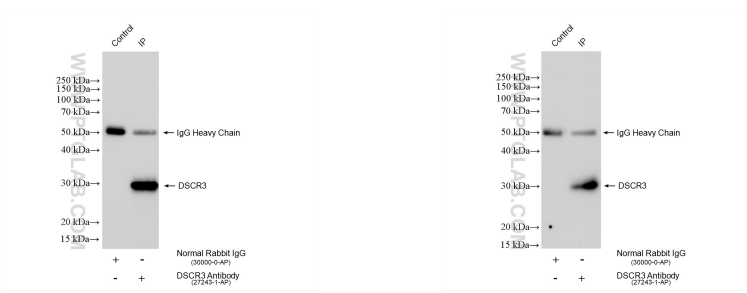
For technical support and original validation data for this product please contact:

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

E: [proteintech@ptglab.com](mailto:proteintech@ptglab.com)  
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## 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.