

For Research Use Only

PLSCR1 Recombinant antibody

Catalog Number: 84888-4-RR



Basic Information

Catalog Number: 84888-4-RR	GenBank Accession Number: BC021100	Purification Method: Protein A purification
Size: 1000 µg/ml	GeneID (NCBI): 5359	CloneNo.: 242372B2
Source: Rabbit	UNIPROT ID: O15162	Recommended Dilutions: WB 1:5000-1:50000
Isotype: IgG	Full Name: phospholipid scramblase 1	
Immunogen Catalog Number: AG2172	Calculated MW: 318 aa, 35 kDa	
	Observed MW: 34 kDa	

Applications

Tested Applications:
WB, ELISA

Species Specificity:
human

Positive Controls:
WB : HepG2 cells, HEK-293 cells, A549 cells, MCF-7 cells, Jurkat cells, human placenta tissue

Background Information

PLSCR1 (Phospholipid scramblase 1) is a member of the family of membrane proteins that mediate the transbilayer movement of phospholipids ("scrambling") in a Ca²⁺ dependent manner, which was identified as an a type II transmembrane protein involved in the calcium-dependent, nonspecific, rapid redistribution of phospholipids. A cysteine-rich palmitoylation motif [184CCPCC189] of PLSCR1, a thioester linkage to the sulfhydryl groups of cysteines, controls the transportation of PLSCR1 to the cell membrane or nucleus (PMID: 32292520). PLSCR1 is strongly expressed in response to interferon (IFN) treatment and viral infection (PMID: 35138119, 23487022).

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

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

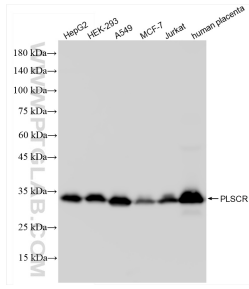
T: 4006900926

E: Proteintech-CN@ptglab.com

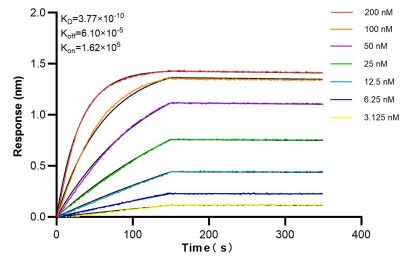
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Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 84888-4-RR (PLSCR1 antibody) at dilution of 1:10000 incubated at room temperature for 1.5 hours.



Biolayer interferometry (BLI) kinetic assays of 84888-4-RR against Human PLSCR1 were performed. The affinity constant is 0.377 nM.