

For Research Use Only

PLSCR4 Polyclonal antibody

Catalog Number: 12630-1-AP **1 Publications**



Basic Information

Catalog Number: 12630-1-AP	GenBank Accession Number: BC028354	Purification Method: Antigen affinity purification
Size: 150ul , Concentration: 300 ug/ml by Nanodrop and 213 ug/ml by Bradford method using BSA as the standard;	GeneID (NCBI): 57088	Recommended Dilutions: WB 1:500-1:3000
Source: Rabbit	UNIPROT ID: Q9NRQ2	
Isotype: IgG	Full Name: phospholipid scramblase 4	
Immunogen Catalog Number: AG3323	Calculated MW: 329 aa, 37 kDa	
	Observed MW: 37 kDa	

Applications

Tested Applications: WB, ELISA	Positive Controls: WB : human heart tissue, human brain tissue, human placenta tissue, human liver tissue, mouse testis tissue
Cited Applications: WB	
Species Specificity: human, mouse, rat	
Cited Species: mouse	

Background Information

PLSCR4 (Phospholipid scramblase 4) belongs to the phospholipid scramblase family which is thought to mediate the loss of lipid asymmetry. Elimination of this lipid bilayer asymmetry is an important physiological process and appears to occur as a result of elevated intracellular calcium concentration, or occur with cell activation, injury, and apoptosis. PLSCR4 also plays a central role in the initiation of fibrin clot formation, in the activation of mast cells and in the recognition of apoptotic and injured cells by the reticuloendothelial system.

Notable Publications

Author	Pubmed ID	Journal	Application
McLean Kelley C KC	22598484	Reprod Sci	WB

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

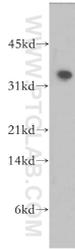
For technical support and original validation data for this product please contact:

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Selected Validation Data



human heart tissue were subjected to SDS PAGE followed by western blot with 12630-1-AP (PLSCR4 antibody) at dilution of 1:400 incubated at room temperature for 1.5 hours.