

For Research Use Only

# PLSCR4 Polyclonal antibody

Catalog Number: 12630-1-AP

1 Publications



## Basic Information

Catalog Number:

12630-1-AP

Size:

150ul, Concentration: 300 ug/ml by Nanodrop and 213 ug/ml by Bradford method using BSA as the standard;

Source:

Rabbit

Isotype:

IgG

Immunogen Catalog Number:

AG3323

GenBank Accession Number:

BC028354

GeneID (NCBI):

57088

UNIPROT ID:

Q9NRQ2

Full Name:

phospholipid scramblase 4

Calculated MW:

329 aa, 37 kDa

Observed MW:

37 kDa

Purification Method:

Antigen affinity purification

Recommended Dilutions:

WB 1:500-1:3000

## Applications

Tested Applications:

WB, ELISA

Cited Applications:

WB

Species Specificity:

human, mouse, rat

Cited Species:

mouse

Positive Controls:

WB : human heart tissue, human brain tissue, human placenta tissue, human liver tissue, mouse testis tissue

## 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:

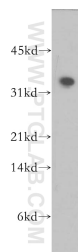
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)

E: [proteintech@ptglab.com](mailto:proteintech@ptglab.com)  
W: [ptglab.com](http://ptglab.com)

This product is exclusively available under Proteintech Group brand and is not available to purchase from any other manufacturer.



## 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.