

# PLSCR4 Polyclonal antibody

Catalog Number: 12630-1-AP

1 Publications

## Basic Information

**Catalog Number:**

12630-1-AP

**Size:**

300 µg/ml

**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

## 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.