

Product Name: KD-Validated PLSCR1 Rabbit Polyclonal Antibody**Catalog #: KVA00457**

For research use only.

Summary

Description	KO&KD-Validated antibody
Host	Rabbit
Application	WB
Reactivity	Human
Conjugation	Unconjugated
Modification	Unmodified
Isotype	Rabbit IgG
Clonality	Rabbit pAb
Form	Liquid
Storage	Aliquot and store at -20°C (valid for 12 months). Avoid freeze/thaw cycles.
Shipping	Ice bags
Buffer	Supplied in PBS (pH 7.4) containing 50% glycerol, and 0.02% sodium azide.
Purification	Affinity purification

Application

Dilution Ratio	WB 1:500-1:2,500
Molecular Weight	Calculated MW: 35.0kDa

Antigen Information

Gene Name	PLSCR1
Alternative Names	PLSCR1; Phospholipid Scramblase 1; MMTRA1B; Ca(2+)-Dependent Phospholipid Scramblase 1; Erythrocyte Phospholipid Scramblase; Mg(2+)-Dependent Nuclease; PL Scramblase 1; EC 3.1.-.- ; MmTRA1b
Gene ID	5359.0
SwissProt ID	O15162
Immunogen	A synthesized peptide derived from human PLSCR1

Background

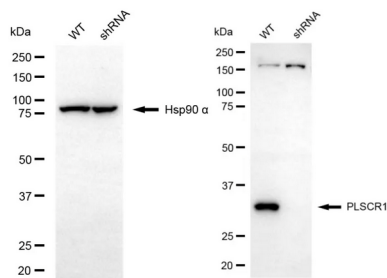
This gene encodes a phospholipid scramblase family member. The encoded protein is involved in disruption of the asymmetrical distribution of phospholipids between the inner and outer leaflets of the plasma membrane, resulting in

externalization of phosphatidylserine. This cell membrane disruption plays an important role in the blood coagulation cascade as well as macrophage clearing of apoptotic cells. The encoded protein has additionally been implicated in gene regulation and interferon-induced antiviral responses. [provided by RefSeq, May 2022]

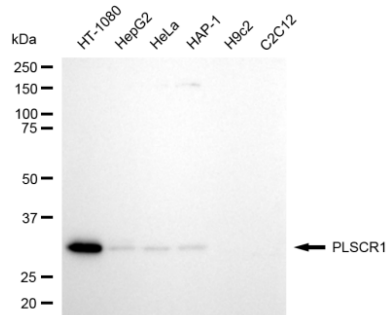
Research Area

Microbiology,Cardiovascular,Signal Transduction

Image Data



Western blotting analysis using PLSCR1 antibody (KVA00457). PLSCR1 expression in wild-type (WT) and PLSCR1 shRNA knockdown (KD) HeLa cells with 20 μ g of total cell lysates. Hsp90 α serves as a loading control. The blot was incubated with PLSCR1 antibody (KVA00457, 1:2,500) and HRP-conjugated goat anti-rabbit secondary antibody (APS0635, 1:10,000) respectively.



Western blotting analysis using PLSCR1 antibody (KVA00457). Total cell lysates (30 μ g) from various cell lines were loaded and separated by SDS-PAGE. The blot was incubated with PLSCR1 antibody (KVA00457, 1:2,500) and HRP-conjugated goat anti-rabbit secondary antibody (APS0635, 1:10,000) respectively.