
Product Name: KD-Validated Phospholipid Scramblase 3 Recombinant Rabbit Monoclonal Antibody**Catalog #: KVA00925**

For research use only.

Summary

Description	KO&KD-Validated antibody
Host	Rabbit
Application	WB,FCM,ICC
Reactivity	Human,Mouse,Rat
Conjugation	Unconjugated
Modification	Unmodified
Isotype	Rabbit IgG
Clonality	Rabbit mAb
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 1:1,000-1:5,000; FC 1:200-1:2,000; ICC 1:100-1:1,000
Molecular Weight	Calculated MW: 31.6kDa

Antigen Information

Gene Name	PLSCR3
Alternative Names	PLSCR3; Phospholipid Scramblase 3; Ca(2+)-Dependent Phospholipid Scramblase 3; PL Scramblase 3
Gene ID	57048.0
SwissProt ID	Q9NRY6
Immunogen	A synthesized peptide derived from human PLSCR3

Background

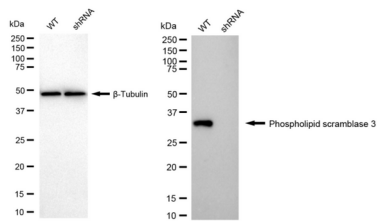
Enables calcium-dependent protein binding activity; metal ion binding activity; and phospholipid scramblase activity. Involved in several processes, including apoptotic process; mitochondrial membrane organization; and regulation of release of

cytochrome c from mitochondria. Located in cytosol; mitochondrion; and plasma membrane. [provided by Alliance of Genome Resources, Jul 2025]

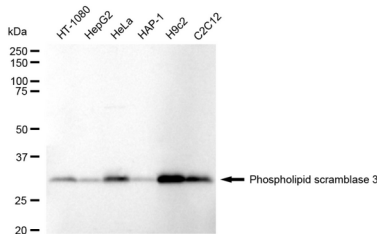
Research Area

Cardiovascular, Signal Transduction, Cell Biology, Metabolism, Cancer

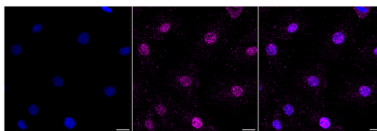
Image Data



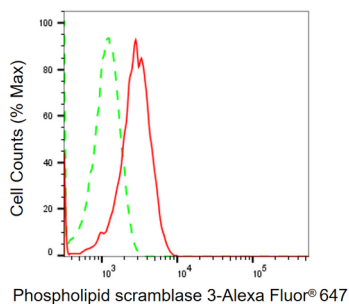
Western blotting analysis using Phospholipid scramblase 3 antibody (KVA00925). Phospholipid scramblase 3 expression in wild type (WT) and Phospholipid scramblase 3 shRNA knockdown (KD) HeLa cells with 20 µg of total cell lysates. β-Tubulin serves as a loading control. The blot was incubated with Phospholipid scramblase 3 antibody (KVA00925, 1:5,000) and HRP-conjugated goat anti-rabbit secondary antibody (APS0635, 1:10,000) respectively.



Western blotting analysis using Phospholipid scramblase 3 antibody (KVA00925). Total cell lysates (30 µg) from various cell lines were loaded and separated by SDS-PAGE. The blot was incubated with Phospholipid scramblase 3 antibody (KVA00925, 1:5,000) and HRP-conjugated goat anti-rabbit secondary antibody (APS0635, 1:10,000) respectively.



Immunocytochemical staining of H9C2 cells with Phospholipid scramblase 3 antibody (KVA00925, 1:1,000). Nuclei were stained blue with DAPI; Phospholipid scramblase 3 was stained magenta with Alexa Fluor® 647. Images were taken using Leica stellaris 5. Protein abundance based on laser Intensity and smart gain : Medium. Scale bar, 20 µm.



Flow cytometric analysis of Phospholipid scramblase 3 expression in H9c2 cells using Phospholipid scramblase 3 antibody (KVA00925, 1:2,000). Green, isotype control; red, Phospholipid scramblase 3.