

Product Datasheet

Phospholipid Scramblase 1/PLSCR1 Antibody NBP1-32588

Unit Size: 0.1 ml

Aliquot and store at -20C or -80C. Avoid freeze-thaw cycles.

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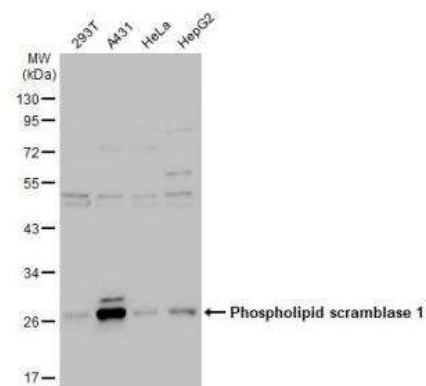
NBP1-32588

Phospholipid Scramblase 1/PLSCR1 Antibody

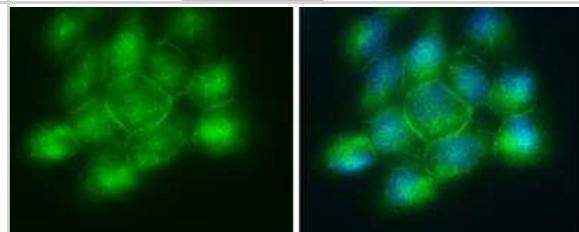
Product Information	
Unit Size	0.1 ml
Concentration	Concentrations vary lot to lot. See vial label for concentration. If unlisted please contact technical services.
Storage	Aliquot and store at -20C or -80C. Avoid freeze-thaw cycles.
Clonality	Polyclonal
Preservative	0.01% Thimerosal
Isotype	IgG
Purity	Antigen Affinity-purified
Buffer	PBS pH7, 1% BSA, 20% Glycerol
Target Molecular Weight	35 kDa
Product Description	
Host	Rabbit
Gene ID	5359
Gene Symbol	PLSCR1
Species	Human
Immunogen	Recombinant protein encompassing a sequence within the center region of human Phospholipid Scramblase 1/PLSCR1. The exact sequence is proprietary.
Product Application Details	
Applications	Western Blot, Immunocytochemistry/ Immunofluorescence, Immunohistochemistry, Immunohistochemistry-Paraffin
Recommended Dilutions	Western Blot 1:500-1:3000, Immunohistochemistry 1:100-1:1000, Immunocytochemistry/ Immunofluorescence 1:100-1:1000, Immunohistochemistry-Paraffin 1:100-1:1000

Images

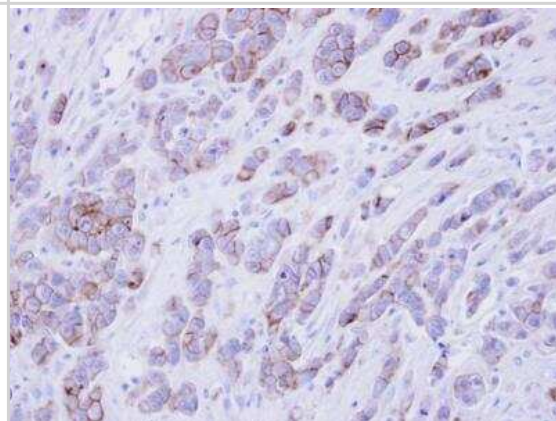
Western Blot: Phospholipid Scramblase 1/PLSCR1 Antibody [NBP1-32588] - Various whole cell extracts (30 ug) were separated by 10% SDS-PAGE, and the membrane was blotted with Phospholipid scramblase 1 antibody [N1C3] diluted at 1:1000. The HRP-conjugated anti-rabbit IgG antibody (NBP2-19301) was used to detect the primary antibody.



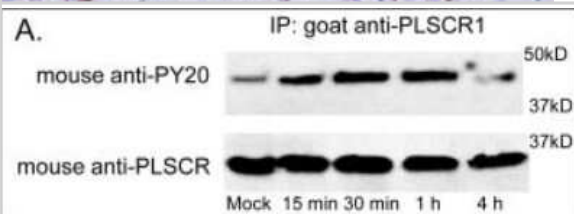
Immunocytochemistry/Immunofluorescence: Phospholipid Scramblase 1/PLSCR1 Antibody [NBP1-32588] - A431 cells were fixed in ice-cold MeOH for 5 min. Green: PLSCR1 protein stained by Scramblase1 antibody [N1C3] diluted at 1:5000. Blue: Hoechst 33342 staining.



Immunohistochemistry-Paraffin: Phospholipid Scramblase 1/PLSCR1 Antibody [NBP1-32588] - MDAMB468 xenograft, using phospholipid scramblase 1 antibody at 1:500 dilution. Antigen Retrieval: Trilogy™ (EDTA based, pH 8.0) buffer, 15min.



Western Blot: Phospholipid Scramblase 1/PLSCR1 Antibody [NBP1-32588] - Phospholipid scramblase is required for phosphatidylserine and Akt relocalization. CaSki cells were mock-infected or infected with HSV-2 (G) and 15 minutes, 30 minutes, 1 hour and 4 hours post-infection, cell lysates were harvested. Lysates were incubated with a goat anti-PLSCR1 antibody and immune complexes precipitated with protein A-agarose and analyzed by Western blotting with a mouse anti-phosphotyrosine (PY20) or mouse anti-PLSCR1 mAb. The blot is representative of results obtained in 2 independent experiments. Image collected and cropped by CiteAb from the following publication ([//dx.plos.org/10.1371/journal.ppat.1006766](https://dx.plos.org/10.1371/journal.ppat.1006766)) licensed under a CC-BY license.



Publications

Cheshenko N, Bonanno JB, Hoffmann HH et al. Cell-impermeable staurosporine analog targets extracellular kinases to inhibit HSV and SARS-CoV-2 Communications biology 2022-10-16 [PMID: 36245045] (Biacore Binding Assay, Human)

Cheshenko N, Pierce C, Herold BC. Herpes simplex viruses activate phospholipid scramblase to redistribute phosphatidylserines and Akt to the outer leaflet of the plasma membrane and promote viral entry PLoS Pathog. 2018-01-01 [PMID: 29293671] (Human)





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Products Related to NBP1-32588

HAF008	Goat anti-Rabbit IgG Secondary Antibody [HRP]
NB7160	Goat anti-Rabbit IgG (H+L) Secondary Antibody [HRP]
NBP2-24891	Rabbit IgG Isotype Control
NBP2-23329	Recombinant Human Phospholipid Scramblase 1/PLSCR1 His Protein

Limitations

This product is for research use only and is not approved for use in humans or in clinical diagnosis. Primary Antibodies are guaranteed for 1 year from date of receipt.

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