

PTDSS1 Antibody (C-term)
Purified Rabbit Polyclonal Antibody (Pab)
Catalog # AP21590b

Specification

PTDSS1 Antibody (C-term) - Product Information

Application	WB,E
Primary Accession	P48651
Reactivity	Human
Host	Rabbit
Clonality	polyclonal
Isotype	Rabbit IgG

PTDSS1 Antibody (C-term) - Additional Information

Gene ID 9791

Other Names

Phosphatidylserine synthase 1, PSS-1, PtdSer synthase 1, Serine-exchange enzyme I, PTDSS1, KIAA0024, PSSA

Target/Specificity

This PTDSS1 antibody is generated from a rabbit immunized with a KLH conjugated synthetic peptide between 427-461 amino acids from the C-terminal region of human PTDSS1.

Dilution

WB~~1:1000

E~~Use at an assay dependent concentration.

Format

Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is purified through a protein A column, followed by peptide affinity purification.

Storage

Maintain refrigerated at 2-8°C for up to 2 weeks. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles.

Precautions

PTDSS1 Antibody (C-term) is for research use only and not for use in diagnostic or therapeutic procedures.

PTDSS1 Antibody (C-term) - Protein Information

Name PTDSS1

Synonyms KIAA0024, PSSA

Function Catalyzes a base-exchange reaction in which the polar head group of

phosphatidylethanolamine (PE) or phosphatidylcholine (PC) is replaced by L-serine (PubMed:[19014349](#), PubMed:[24241535](#)). Catalyzes mainly the conversion of phosphatidylcholine (PubMed:[19014349](#), PubMed:[24241535](#)). Also converts, in vitro and to a lesser extent, phosphatidylethanolamine (PubMed:[19014349](#), PubMed:[24241535](#)).

Cellular Location

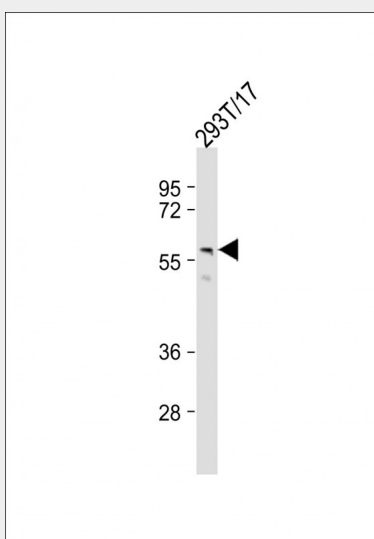
Endoplasmic reticulum membrane {ECO:0000250|UniProtKB:Q99LH2}; Multi-pass membrane protein {ECO:0000250|UniProtKB:Q99LH2}. Note=Highly enriched in the mitochondria-associated membrane (MAM). {ECO:0000250|UniProtKB:Q99LH2}

PTDSS1 Antibody (C-term) - Protocols

Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

PTDSS1 Antibody (C-term) - Images



Anti-PTDSS1 Antibody (C-term) at 1:1000 dilution + 293T/17 whole cell lysates. Lysates/proteins at 20 µg per lane. Secondary Goat Anti-Rabbit IgG, (H+L), Peroxidase conjugated at 1/10000 dilution. Predicted band size : 56 kDa. Blocking/Dilution buffer: 5% NFDM/TBST.

PTDSS1 Antibody (C-term) - Background

Catalyzes a base-exchange reaction in which the polar head group of phosphatidylethanolamine (PE) or phosphatidylcholine (PC) is replaced by L-serine. In membranes, PTDSS1 catalyzes mainly the conversion of phosphatidylcholine. Also converts, in vitro and to a lesser extent, phosphatidylethanolamine.

PTDSS1 Antibody (C-term) - References

Nomura N., et al. DNA Res. 1:27-35(1994).
Ota T., et al. Nat. Genet. 36:40-45(2004).
Nusbaum C., et al. Nature 439:331-335(2006).
Kuge O., et al. Proc. Natl. Acad. Sci. U.S.A. 95:4199-4203(1998).
Olsen J.V., et al. Cell 127:635-648(2006).