

PSS-2 Rabbit pAb

Catalog # AP53563

Product Information

Primary Accession	Q9BVG9
Host	Rabbit
Clonality	Polyclonal Antibody
Calculated MW	56253

Additional Information

Gene ID	81490
Other Names	PSS2
Storage	Store at 4°C short term. Aliquot and store at -20°C long term. Avoid freeze/thaw cycles.

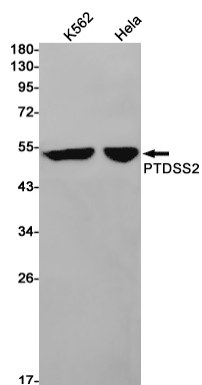
Protein Information

Name	PTDSS2
Synonyms	PSS2
Function	Catalyzes a base-exchange reaction in which the polar head group of phosphatidylethanolamine (PE) is replaced by L-serine to form phosphatidylserine (PubMed: 19014349). Lacks phosphatidylcholine-dependent base-exchange activity (PubMed: 19014349). Can utilize both phosphatidylethanolamine (PE) plasmalogen and diacyl PE as substrate and the latter is six times better utilized, indicating the importance of an ester linkage at the sn-1 position (By similarity). Although it shows no sn-1 fatty acyl preference, exhibits significant preference towards docosahexaenoic acid (22:6n-3) compared with 18:1 or 20:4 at the sn-2 position (By similarity).
Cellular Location	Endoplasmic reticulum membrane {ECO:0000250 UniProtKB:Q9Z1X2}; Multi-pass membrane protein. Note=Highly enriched in the mitochondria-associated membrane (MAM). {ECO:0000250 UniProtKB:Q9Z1X2}

Background

Swiss-Prot Acc.Q9BVG9.Catalyzes a base-exchange reaction in which the polar head group of phosphatidylethanolamine (PE) or phosphatidylcholine (PC) is replaced by L-serine. PTDSS2 is specific for phosphatidylethanolamine and does not act on phosphatidylcholine.

Images



Western blot detection of PTDS2 in K562, HeLa cell lysates using PTDS2 Rabbit pAb(1:1000 diluted). Predicted band size: 56kDa. Observed band size: 56kDa.

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