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Recombinant Anti-PTDSS2 Rabbit mAb

Catalog # AP95393

Product Information

Application	WB, FC, IP
Primary Accession	Q9BVG9
Reactivity	Human
Host	Rabbit
Clonality	Monoclonal
Calculated MW	56253

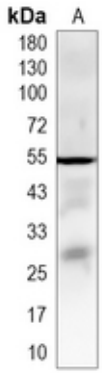
Additional Information

Gene ID	81490
Other Names	PSS2; Phosphatidylserine synthase 2; PSS-2; PtdSer synthase 2; Serine-exchange enzyme II
Target/Specificity	Recombinant fusion protein of human PTDSS2. The exact sequence is proprietary.
Dilution	WB~~WB (1/500 - 1/1000) FC~~1:10~50 IP~~N/A
Format	Liquid in PBS, pH 7.3, 50% glycerol, 0.05% BSA, and 0.05% Proclin300.
Storage	Store at -20 °C.Stable for 12 months from date of receipt

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}

Images



Western blot analysis of PTDSS2 expression in K562 (A) whole cell lysates. (Predicted band size: 56 kD; Observed band size: 54 kD)

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.