

**PTDSS2 Polyclonal Antibody**  
**Purified Rabbit Polyclonal Antibody (Pab)**  
**Catalog # AP57587****Specification**

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**PTDSS2 Polyclonal Antibody - Product Information**

Application	WB
Primary Accession	<a href="#">Q9BVG9</a>
Reactivity	Rat, Dog
Host	Rabbit
Clonality	Polyclonal
Calculated MW	56253

**PTDSS2 Polyclonal Antibody - Additional Information****Gene ID** 81490**Other Names**

Phosphatidylserine synthase 2, PSS-2, PtdSer synthase 2, 2.7.8.29, Serine-exchange enzyme II, PTDSS2, PSS2

**Format**

0.01M TBS(pH7.4), 0.09% (W/V) sodium azide and 50% Glyce

**Storage**

Store at -20 °C for one year. Avoid repeated freeze/thaw cycles. When reconstituted in sterile pH 7.4 0.01M PBS or diluent of antibody the antibody is stable for at least two weeks at 2-4 °C.

**PTDSS2 Polyclonal Antibody - Protein Information****Name** PTDSS2**Synonyms** PSS2**Function**

Catalyzes a base-exchange reaction in which the polar head group of phosphatidylethanolamine (PE) or phosphatidylcholine (PC) is replaced by L-serine (PubMed:<a href="http://www.uniprot.org/citations/19014349" target="\_blank">19014349</a>). Catalyzes the conversion of phosphatidylethanolamine and does not act on phosphatidylcholine (PubMed:<a href="http://www.uniprot.org/citations/19014349" target="\_blank">19014349</a>). 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

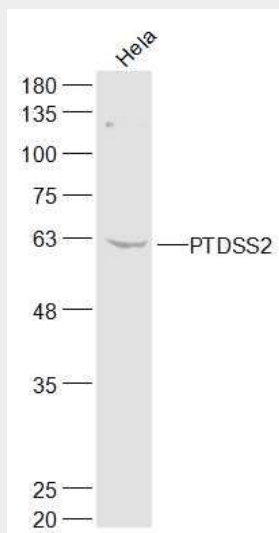
protein. Note=Highly enriched in the mitochondria-associated membrane (MAM).  
{ECO:0000250|UniProtKB:Q9Z1X2}

### PTDSS2 Polyclonal Antibody - 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](#)

### PTDSS2 Polyclonal Antibody - Images



**Sample:**

HeLa(Human) Cell Lysate at 30 ug

Primary: Anti-PTDSS2 (bs-19584R) at 1/300 dilution

Secondary: IRDye800CW Goat Anti-Rabbit IgG at 1/20000 dilution

Predicted band size: 56 kD

Observed band size: 61 kD