

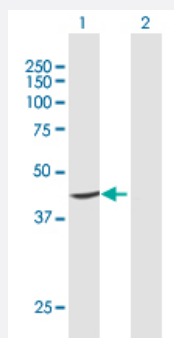
MaxPab®

# PTDSS1 purified MaxPab rabbit polyclonal antibody (D01P)

Catalog # H00009791-D01P

Size 100 ug

## Applications



### Western Blot (Transfected lysate)

Western Blot analysis of PTDSS1 expression in transfected 293T cell line ([H00009791-T02](#)) by PTDSS1 MaxPab polyclonal antibody.

Lane 1: PTDSS1 transfected lysate(55.50 KDa).

Lane 2: Non-transfected lysate.

## Specification

### Product Description

Rabbit polyclonal antibody raised against a full-length human PTDSS1 protein.

### Immunogen

PTDSS1 (NP\_055569.1, 1 a.a. ~ 473 a.a) full-length human protein.

### Sequence

MASCVGSRTLSKDDVNYKMHFRMINEQQVEDITIDFFYRPHTITLLSFTVSLMYFAFTRDDSVPED  
NIWRGILSVIFFFLIISVLAFPNPFPTRPHPALWRMVFGLSVLVFLFLVLLFLNFEQVKSLMYWLDP  
NLRYATREADVMEYAVNCHVITWERIISHFDIFAFGHFWGWAMKALLIRSYGLCWTISITWELTEFF  
MHLLPNFAECWWDQVILDILLCNGGGIWLGMVVCRFLEMRTYHWASFKDIIHTTTGKIKRAVLQFTP  
ASWTYVRWFDPKSSFQRVAGVYLFMIWQLTELNTFFLKHIFVFQASHPLSWGRILFIGGITAPT  
QYYAYLTDTQCKRVGTQCWVFGVIGFLEANCIKFGQDLFSKTQLYVVLWLLCVAFTTFLCLYGM  
WYAEHYGHREKTYSECEDGTYSPEISWHHRKGTKGSEDSPPKHAGNNESHSSRRRRNRHSKSKV  
TNGVGKK

### Host

Rabbit

### Reactivity

Human

### Interspecies Antigen Sequence

Mouse (97); Rat (97)

### Quality Control Testing

Antibody reactive against mammalian transfected lysate.

**Storage Buffer**

In 1x PBS, pH 7.4

**Storage Instruction**

Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

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[Protocol Download](#)

## Gene Info — PTDSS1

**Entrez GeneID**[9791](#)**GeneBank Accession#**[NM\\_014754.1](#)**Protein Accession#**[NP\\_055569.1](#)**Gene Name**

PTDSS1

**Gene Alias**

KIAA0024, PSS1, PSSA

**Gene Description**

phosphatidylserine synthase 1

**Gene Ontology**[Hyperlink](#)**Gene Summary**

Phosphatidylserine (PS) accounts for 5 to 10% of cell membrane phospholipids. In addition to its role as a structural component, PS is involved in cell signaling, blood coagulation, and apoptosis. PS is synthesized by a calcium-dependent base-exchange reaction catalyzed by PS synthases (EC 2.7.8.8), like PTDSS1, that exchange L-serine for the polar head group of phosphatidylcholine (PC) or phosphatidylethanolamine (PE) (Sturbois-Balcerzak et al., 2001 [PubMed 11084049]).[supplied by OMIM]

**Other Designations**

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## Pathway

- [Glycerophospholipid metabolism](#)

- [Metabolic pathways](#)

## Disease

- [Tobacco Use Disorder](#)