

DNAxPAb

Hard-to-Find
Antibody

PTDSS2 DNAxPab

Catalog # H00081490-W01P

Size 200 ug

Specification

Product Description Rabbit polyclonal antibody raised against a full-length human PTDSS2 DNA using DNAx™ Immune technology.

Technology [DNAx™ Immune](#)

Immunogen Full-length human DNA

Sequence MRRGERRDAGGPRPESVPAGRASLEPPDGPSAGQATGPGEGRRSTESEVYDDGTNTFFWR
AHTLTVLFILCTGLGYVTLLLEETPQDTAYNTKRGIVASILVFLCFGVTQAKDGPFSRHPAYWRFWL
CVSVVYELFLIFLQTVQDGRQFLKYVDPKLGVP LPERDYGGNCLYDPDNETDPFHNWDKLDG
FVPAHFLGWYKTL MIRDWWMCMIISVMFEFLEYSLEHQLPNFSECWWDHWIMDVLVCNGLGIYC
GMKLTLEWLSLKTYKWQGLWNIPTYKGKMKRIAFQFTPYSWVRFEWKPASSLRRWLAVCGIILVFL
LAELNTFYLK FVLWMPPEHYLVLLRLVFFVNVGGVAMREYDFMDDPKPHKKLGPQAWLVAITA
TELLIVKYDPHTLTL SLPFYISQCWTLGSVLALTWTVWRFFLRDITLRYKETRWQKWQNKDDQGS
TVGNGDQHPLGLDEDLLGPGVAEGEGAPTPN

Host Rabbit

Reactivity Human

Purification Protein A

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.

Applications

- Western Blot (Transfected lysate)

[Protocol Download](#)

- Immunofluorescence (Transfected cell)
- Flow Cytometry (Transfected cell)

Gene Info — PTDSS2

Entrez GeneID [81490](#)

GeneBank Accession# [DQ894922.2](#)

Protein Accession# [ABM85848.1](#)

Gene Name PTDSS2

Gene Alias PSS2

Gene Description phosphatidylserine synthase 2

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 PTDSS2, 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 -

Pathway

- [Glycerophospholipid metabolism](#)
- [Metabolic pathways](#)