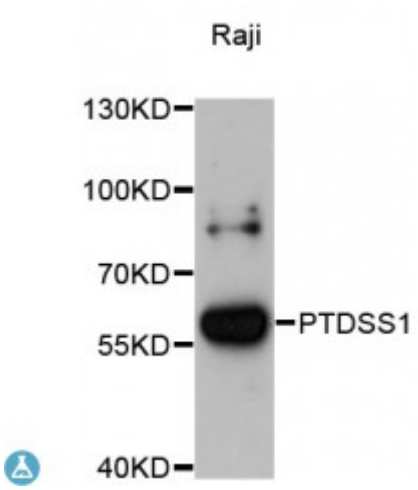
Anti-PTDSS1 Antibody



Description	The protein encoded by this gene catalyzes the formation of phosphatidylserine from either phosphatidylcholine or phosphatidylethanolamine. Phosphatidylserine localizes to the mitochondria-associated membrane of the endoplasmic reticulum, where it serves a structural role as well as a signaling role. Defects in this gene are a cause of Lenz-Majewski hyperostotic dwarfism. Two transcript variants encoding different isoforms have been found for this gene.

Model	STJ115032
Host	Rabbit
Reactivity	Human
Applications	WB
Immunogen	Recombinant fusion protein containing a sequence corresponding to amino acids 1-70 of human PTDSS1 (NP_055569.1).
Gene ID	9791
Gene Symbol	PTDSS1
Dilution range	WB 1:500 - 1:2000
Purification	Affinity purification
Note	For Research Use Only (RUO).
Protein Name	Phosphatidylserine synthase 1 PSS-1 PtdSer synthase 1
Molecular Weight	55.528 kDa
Clonality	Polyclonal

Conjugation	Unconjugated
Isotype	IgG
Formulation	PBS with 0.02% sodium azide, 50% glycerol, pH7.3.
Storage Instruction	Store at -20C. Avoid freeze / thaw cycles.
Database Links	HGNC:9587OMIM:151050Reactome:R-HSA-1483101
Alternative Names	Phosphatidylserine synthase 1 PSS-1 PtdSer synthase 1
Function	Catalyzes a base-exchange reaction in which the polar head group of phosphatidylethanolamine (PE) or phosphatidylcholine (PC) is replaced by L-serine, In membranes, PTDSS1 catalyzes mainly the conversion of phosphatidylcholine, Also converts, in vitro and to a lesser extent, phosphatidylethanolamine
Cellular Localization	Endoplasmic reticulum membrane,

St John's Laboratory Ltd
F +44 (0)207 681 2580
T +44 (0)208 223 3081
W http://www.stjohnslabs.com/
E info@stjohnslabs.com