

PISD Antibody - C-terminal region

Rabbit Polyclonal Antibody

Catalog # AI15259

Product Information

Application	WB
Primary Accession	Q9UG56
Other Accession	NM_014338 , NP_055153
Reactivity	Human, Mouse, Rat, Rabbit, Pig, Dog, Guinea Pig, Horse, Bovine
Predicted	Human, Mouse, Rat, Rabbit, Pig, Dog, Guinea Pig, Horse, Bovine
Host	Rabbit
Clonality	Polyclonal
Calculated MW	46672

Additional Information

Gene ID	23761
Alias Symbol Other Names	DJ858B16, DKFZp566G2246, PSD, PSDC, PSSC, dj858B16.2 Phosphatidylserine decarboxylase proenzyme, 4.1.1.65, Phosphatidylserine decarboxylase alpha chain, Phosphatidylserine decarboxylase beta chain, PISD
Format	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09% (w/v) sodium azide and 2% sucrose.
Reconstitution & Storage	Add 50 ul of distilled water. Final anti-PISD antibody concentration is 1 mg/ml in PBS buffer with 2% sucrose. For longer periods of storage, store at 20°C. Avoid repeat freeze-thaw cycles.
Precautions	PISD Antibody - C-terminal region is for research use only and not for use in diagnostic or therapeutic procedures.

Protein Information

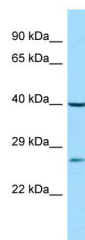
Name	PISD {ECO:0000255 HAMAP-Rule:MF_03208}
Function	Catalyzes the formation of phosphatidylethanolamine (PtdEtn) from phosphatidylserine (PtdSer) (PubMed: 30488656 , PubMed: 30858161). Plays a central role in phospholipid metabolism and in the interorganelle trafficking of phosphatidylserine. May be involved in lipid droplet biogenesis at the endoplasmic reticulum membrane (By similarity).
Cellular Location	[Phosphatidylserine decarboxylase beta chain]: Mitochondrion inner membrane {ECO:0000255 HAMAP-Rule:MF_03208, ECO:0000305 PubMed:30858161, ECO:0000305 PubMed:33718843};

Single-pass membrane protein {ECO:0000255|HAMAP-Rule:MF_03208};
Intermembrane side {ECO:0000255|HAMAP-Rule:MF_03208} [Isoform 1]:
Mitochondrion inner membrane

References

Collins J.E.,et al.Genome Biol. 5:R84.1-R84.11(2004).
Bechtel S.,et al.BMC Genomics 8:399-399(2007).
Dunham I.,et al.Nature 402:489-495(1999).
Mural R.J.,et al.Submitted (SEP-2005) to the EMBL/GenBank/DDBJ databases.
Yu W.,et al.Submitted (NOV-1997) to the EMBL/GenBank/DDBJ databases.

Images



WB Suggested Anti-PISD Antibody Titration: 1.0 µg/ml
Positive Control: 721_B Whole Cell
PISD is supported by
BioGPS gene expression data to be expressed in 721_B

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