

PISD Antibody - C-terminal region
Rabbit Polyclonal Antibody
Catalog # AI15259**Specification**

PISD Antibody - C-terminal region - Product Information

Application	WB
Primary Accession	Q9UG56
Other Accession	NM_014338 , NP_055153
Reactivity	Human, Mouse, Rat, Rabbit, Pig, Horse, Bovine, Guinea Pig, Dog
Predicted	Human, Mouse, Rat, Rabbit, Pig, Horse, Bovine, Guinea Pig, Dog
Host	Rabbit
Clonality	Polyclonal
Calculated MW	43kDa KDa

PISD Antibody - C-terminal region - Additional Information**Gene ID** 23761**Alias Symbol** **DJ858B16, DKFZp566G2246, PSD, PSDC, PSSC, dJ858B16.2****Other Names**

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.

PISD Antibody - C-terminal region - 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

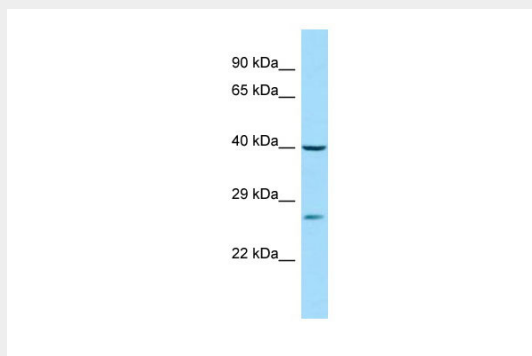
[Phosphatidylserine decarboxylase beta chain]: Mitochondrion inner membrane {ECO:0000255|HAMAP-Rule:MF_03208, ECO:0000305|PubMed:30858161, ECO:0000305|PubMed:33718843}; Single-pass membrane protein {ECO:0000255|HAMAP-Rule:MF_03208}; Intermembrane side {ECO:0000255|HAMAP-Rule:MF_03208} [Isoform 1]: Mitochondrion inner membrane

PISD Antibody - C-terminal region - 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](#)

PISD Antibody - C-terminal region - 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

PISD Antibody - C-terminal region - 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.