

PISD Rabbit pAb

CatalogNo: YN6821

Key Features

Host Species

- Rabbit

Reactivity

- Human, Mouse

Applications

- WB

MW

- 45kD (Calculated)

Isotype

- IgG

Storage

Storage* -15°C to -25°C/1 year (Do not lower than -25°C)

Formulation Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.

Recommended Dilution Ratios

WB 1:500-2000

Basic Information

Clonality Polyclonal

Immunogen Information

Immunogen Synthesized peptide derived from human PISD

Specificity This antibody detects endogenous levels of PISD at Human, Mouse

Target Information

Gene name PISD

Protein Name Phosphatidylserine decarboxylase proenzyme [Cleaved into: Phosphatidylserine decarboxylase alpha chain; Phosphatidylserine decarboxylase beta chain]

| Organism | Gene ID | UniProt ID |
|----------|--------------------------|--------------------------|
| Human | 23761 ; | Q9UG56 ; |
| Mouse | 320951 ; | Q8BSF4 ; |

Cellular Localization [Phosphatidylserine decarboxylase beta chain]: Mitochondrion inner membrane ; Single-pass membrane protein ; Intermembrane side .; [Phosphatidylserine decarboxylase alpha chain]: Mitochondrion inner membrane ; Peripheral membrane protein ; Intermembrane side . Anchored to the mitochondrial inner membrane through its interaction with the integral membrane beta chain. .

Function Catalyzes the formation of phosphatidylethanolamine (PtdEtn) from phosphatidylserine (PtdSer) . Plays a central role in phospholipid metabolism and in the interorganelle trafficking of phosphatidylserine.

| Validation Data

| Contact information

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PISD Rabbit pAb

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