

PGS1 Antibody (Center)
Affinity Purified Rabbit Polyclonal Antibody (Pab)
Catalog # AP17706c

Specification

PGS1 Antibody (Center) - Product Information

Application	WB,E
Primary Accession	Q32NB8
Other Accession	NP_077733.3
Reactivity	Human
Host	Rabbit
Clonality	Polyclonal
Isotype	Rabbit IgG
Calculated MW	62730
Antigen Region	272-299

PGS1 Antibody (Center) - Additional Information

Gene ID 9489

Other Names

CDP-diacylglycerol--glycerol-3-phosphate 3-phosphatidyltransferase, mitochondrial,
Phosphatidylglycerophosphate synthase 1, PGP synthase 1, PGS1

Target/Specificity

This PGS1 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 272-299 amino acids from the Central region of human PGS1.

Dilution

WB~~1:1000

E~~Use at an assay dependent concentration.

Format

Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is purified through a protein A column, followed by peptide affinity purification.

Storage

Maintain refrigerated at 2-8°C for up to 2 weeks. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles.

Precautions

PGS1 Antibody (Center) is for research use only and not for use in diagnostic or therapeutic procedures.

PGS1 Antibody (Center) - Protein Information

Name PGS1

Function Functions in the biosynthesis of the anionic phospholipids phosphatidylglycerol and cardiolipin.

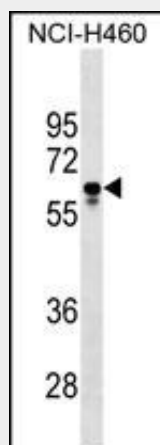
Cellular Location
Mitochondrion.

PGS1 Antibody (Center) - 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](#)

PGS1 Antibody (Center) - Images



PGS1 Antibody (Center) (Cat. #AP17706c) western blot analysis in NCI-H460 cell line lysates (35ug/lane). This demonstrates the PGS1 antibody detected the PGS1 protein (arrow).

PGS1 Antibody (Center) - Background

PGS1 functions in the biosynthesis of the anionic phospholipids phosphatidylglycerol and cardiolipin (By similarity).

PGS1 Antibody (Center) - References

Simpson, J.C., et al. EMBO Rep. 1(3):287-292(2000)
Kawasaki, K., et al. J. Biol. Chem. 274(3):1828-1834(1999)
Adams, M.D., et al. Nature 355(6361):632-634(1992)

PGS1 Antibody (Center) - Citations

- [Inactivation of cardiolipin synthase triggers changes in mitochondrial morphology.](#)