

# Product Datasheet

## PGS1 Antibody - Azide and BSA Free H00009489-B01P

Unit Size: 0.05 mg

Aliquot and store at -20C or -80C. Avoid freeze-thaw cycles.

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**H00009489-B01P**

PGS1 Antibody - Azide and BSA Free

Product Information	
Unit Size	0.05 mg
Concentration	Concentrations vary lot to lot. See vial label for concentration. If unlisted please contact technical services.
Storage	Aliquot and store at -20C or -80C. Avoid freeze-thaw cycles.
Clonality	Polyclonal
Preservative	No Preservative
Isotype	IgG
Purity	IgG purified
Buffer	PBS (pH 7.4)

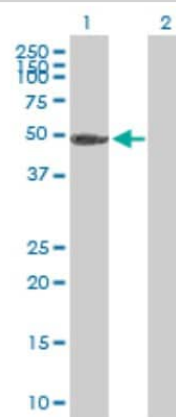
Product Description	
Host	Mouse
Gene ID	9489
Gene Symbol	PGS1
Species	Human
Specificity/Sensitivity	PGS1 - phosphatidylglycerophosphate synthase 1,
Immunogen	PGS1 (ENSP00000262764, 1 a.a. - 447 a.a.) full-length human protein. MKGQIRVAKRRVVMASLYLGTGPLEQELVDCLESTLEKSLQAKFPSNLKVSILL DFTRGSRGRKNSRTMLLP LLRRFPEQVRVSLFHTPHLRG LLRLLIPERFNETIGL QHIKVYLF DNSVILSGANLSDSYFTNRQDRYVFLQDCAEIADFFTELVDVAVGDV SLQLQGDDTVQVVDGMVHPYKGDRAEYCKAANKRVM DVINSARTRQQMLHA QTFHSNSLLTQEDAAAAGDRRPAPDTWIYPLIQMKPFEIQIDEIVTETLLTEAER GAKVYLTTGYFNLTQAYMDLVLGTRA EYQILLASPEVNGFFGAKGVAGAIPAAY VHIERQFFSEVCSLGQQERVQLQEYWRRGWTFHAKGLWL YLAGSSLPCLTLIG SPNFGYRSVHRDLEAQIAIVTENQALQQQLHQEQEQLYLRSGVVSSATFEQPS RQVKLWVKMVTPLIKNFF
Notes	This product is produced by and distributed for Abnova, a company based in Taiwan.

Product Application Details	
Applications	Western Blot
Recommended Dilutions	Western Blot 1:500
Application Notes	Antibody reactive against Recombinant Protein with GST tag on ELISA and Western Blot and also on transfected lysate in western blot. GST tag alone is used as a negative control.



## Images

Western Blot: PGS1 Antibody [H00009489-B01P] - Analysis of PGS1 expression in transfected 293T cell line by PGS1 polyclonal antibody. Lane 1: PGS1 transfected lysate(49.17 KDa). Lane 2: Non-transfected lysate.



## Publications

Morita SY, Terada T. Enzymatic measurement of phosphatidylglycerol and cardiolipin in cultured cells and mitochondria. Sci Rep 2015-06-30 [PMID: 26122953]

Li CH, Cheng YW, Liao PL et al. Translocation of p53 to mitochondria is regulated by its lipid binding property to anionic phospholipids and it participates in cell death control. Neoplasia 12(2):150-60. 2010-02-01 [PMID: 20126473]



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### **Products Related to H00009489-B01P**

HAF007	Goat anti-Mouse IgG Secondary Antibody [HRP]
NB720-B	Rabbit anti-Mouse IgG (H+L) Secondary Antibody [Biotin]
NBP1-97019-5mg	Mouse IgG Isotype Control
H00009489-P01-10ug	Recombinant Human PGS1 GST (N-Term) Protein

### **Limitations**

This product is for research use only and is not approved for use in humans or in clinical diagnosis. Primary Antibodies are guaranteed for 1 year from date of receipt.

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