

# Product Datasheet

## GPS2 Antibody (3C4) - Azide and BSA Free H00002874-M01

Unit Size: 0.1 mg

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

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**H00002874-M01**

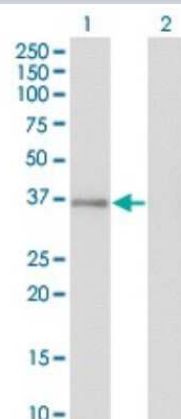
GPS2 Antibody (3C4) - Azide and BSA Free

Product Information	
Unit Size	0.1 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	Monoclonal
Clone	3C4
Preservative	No Preservative
Isotype	IgG1 Kappa
Purity	IgG purified
Buffer	In 1x PBS, pH 7.4
Product Description	
Description	Quality control test: Antibody Reactive Against Recombinant Protein.
Host	Mouse
Gene ID	2874
Gene Symbol	GPS2
Species	Human
Specificity/Sensitivity	GPS2 - G protein pathway suppressor 2
Immunogen	GPS2 (AAH13652, 228 a.a. ~ 327 a.a) partial recombinant protein with GST tag. MW of the GST tag alone is 26 KDa. QPYAVHGHFQPTQTGFLQPGGALSLQKQMEHANQQTGFS DSSSLRPMHPQA LHPAPGLLASPQLPVQMMPAGKSGFAATSQPGPRLPFIQHSQNPRFYHK
Notes	This product is produced by and distributed for Abnova, a company based in Taiwan.
Product Application Details	
Applications	Western Blot, ELISA
Recommended Dilutions	Western Blot 1:500, ELISA
Application Notes	Antibody reactivity against Recombinant Protein with GST tag on ELISA and WB. GST tag alone is used as a negative control.

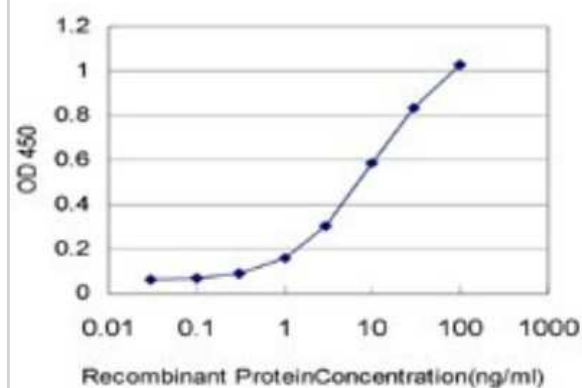


## Images

Western Blot: GPS2 Antibody (3C4) [H00002874-M01] - Analysis of GPS2 expression in transfected 293T cell line by GPS2 monoclonal antibody (M01), clone 3C4. Lane 1: GPS2 transfected lysate (Predicted MW: 36.7 KDa). Lane 2: Non-transfected lysate.



ELISA: GPS2 Antibody (3C4) [H00002874-M01] - Detection limit for recombinant GST tagged GPS2 is approximately 0.3ng/ml as a capture antibody.



## Publications

Sanyal S, Bavner A, Haroniti A et al. Involvement of corepressor complex subunit GPS2 in transcriptional pathways governing human bile acid biosynthesis. Proc Natl Acad Sci U S A. 2007-10-02 [PMID: 17895379]



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### **Products Related to H00002874-M01**

HAF007	Goat anti-Mouse IgG Secondary Antibody [HRP]
NB720-B	Rabbit anti-Mouse IgG (H+L) Secondary Antibody [Biotin]
NBP1-43319-0.5mg	Mouse IgG1 Kappa Isotype Control (P3.6.2.8.1)
NBP2-57050PEP	GPS2 Recombinant Protein Antigen

### **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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