

# Product Datasheet

## GNAQ Antibody (3B9) - Azide and BSA Free H00002776-M04

Unit Size: 0.1 mg

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

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**H00002776-M04**

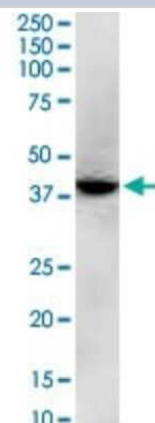
GNAQ Antibody (3B9) - Azide and BSA Free

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	3B9
Preservative	No Preservative
Isotype	IgG2b 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	2776
Gene Symbol	GNAQ
Species	Human, Mouse, Rat
Reactivity Notes	Please note that this antibody is reactive to Mouse and derived from the same host, Mouse. Additional Mouse on Mouse blocking steps may be required for IHC and ICC experiments. Please contact Technical Support for more information.
Specificity/Sensitivity	GNAQ - guanine nucleotide binding protein (G protein), q polypeptide (3B9)
Immunogen	GNAQ (NP_002063.2, 101 a.a. ~ 200 a.a) partial recombinant protein with GST tag. MW of the GST tag alone is 26 KDa. YKYEHNKAHAQLVREVDVEKVSAFENPYVDAIKSLWNDPGIQECYDRRREYQL SDSTKYLLNDLDRVADPAYLPTQQDVLVRVPTTGIIIEYPFDLQSVI
Notes	This product is produced by and distributed for Abnova, a company based in Taiwan.
Product Application Details	
Applications	Western Blot, ELISA, Sandwich ELISA
Recommended Dilutions	Western Blot 1:500, ELISA, Sandwich ELISA
Application Notes	Antibody reactivity against Recombinant Protein with GST tag on ELISA and WB. GST tag alone is used as a negative control.

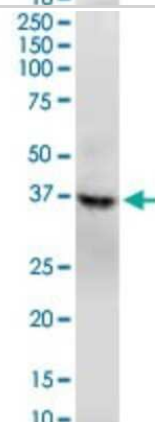


## Images

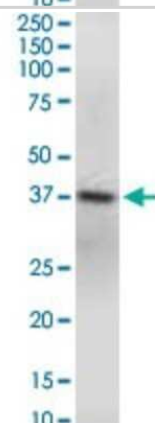
Western Blot: GNAQ Antibody (3B9) [H00002776-M04] - Analysis of GNAQ expression in Jurkat.



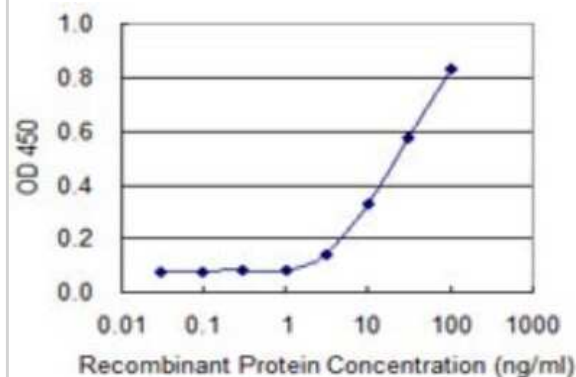
Western Blot: GNAQ Antibody (3B9) [H00002776-M04] - Analysis of GNAQ expression in PC-12.



Western Blot: GNAQ Antibody (3B9) [H00002776-M04] - Analysis of GNAQ expression in Raw 264.7.



Sandwich ELISA: GNAQ Antibody (3B9) [H00002776-M04] - Detection limit for recombinant GST tagged GNAQ is 1 ng/ml as a capture antibody.



## Publications

Sanchez-Fernandez G, Cabezudo S, Caballero A et al. Protein kinase C  $\zeta$  interacts with a novel binding region of Galphaq to act as functional effector protein. J Biol Chem 2016-02-17 [PMID: 26887939]



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### **Products Related to H00002776-M04**

HAF007	Goat anti-Mouse IgG Secondary Antibody [HRP]
NB720-B	Rabbit anti-Mouse IgG (H+L) Secondary Antibody [Biotin]
NBP1-43317-0.5mg	Mouse IgG2b Kappa Light Chain Isotype Control (MG2b)
NBP2-51808-0.1mg	Recombinant Human GNAQ His 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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