

# Product Datasheet

## G protein alpha Antibody - Azide and BSA Free H00002778-D01P

Unit Size: 0.1 mg

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

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**H00002778-D01P**

G protein alpha Antibody - 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	Polyclonal
Preservative	No Preservative
Isotype	IgG
Purity	Protein A purified
Buffer	PBS (pH 7.4)

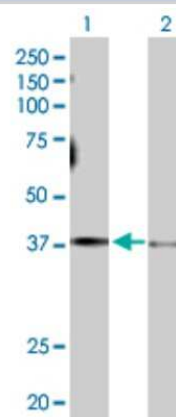
Product Description	
Description	Quality control test: Antibody reactive against mammalian transfected lysate.
Host	Rabbit
Gene ID	2778
Gene Symbol	GNAS
Species	Human
Specificity/Sensitivity	GNAS - GNAS complex locus,
Immunogen	GNAS (NP_000507.1, 1 a.a. - 394 a.a.) full-length human protein. MGCLGNSKTEDQRNEEKAQREANKKIEKQLQKDKQVYRATHRLLLLGAGESG KSTIVKQMRILHVNGFNNGEGGEEDPQAARSNSDGEKATKVQDIKNNLKEAIETI VAAMSNLVPPVELANPENQFRVDYILSVMNVPDFDFPPEFYEHAKALWEDEGV RACYERSNEYQLIDCAQYFLDKIDVIKQADYVPSDQDLLRCRVLTSGIFETKFQV DKVNFHMFVDVGGQRDERRKWIQCFNDVTAIIFVVASSSYNMVIREDNQTNRLQ EALNLFKSIWNNRWLRTISVILFLNKQDLLAEKVLGKSKIEDYFPEFARYTTTPED ATPEPGEDPRVTRAKYFIRDEFRLISTASGDGRHYCYPHFTCAVDTENIRRVFN DCRDIQRMHLRQYELL
Notes	This product is produced by and distributed for Abnova, a company based in Taiwan.

Product Application Details	
Applications	Western Blot, Proximity Ligation Assay
Recommended Dilutions	Western Blot, Proximity Ligation Assay
Application Notes	Antibody reactivity against Recombinant Protein with GST tag on ELISA and WB and also on transfected lysate in WB. GST tag alone is used as a negative control.

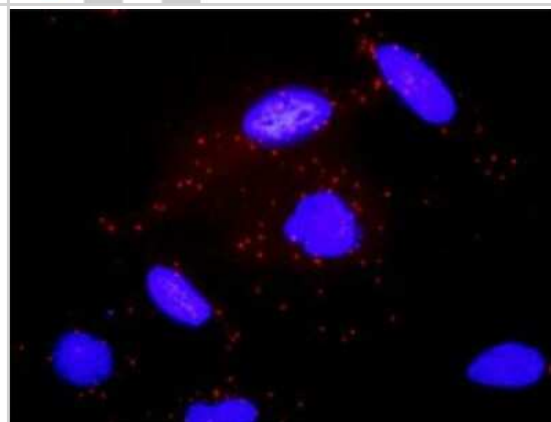


## Images

Western Blot: G protein alpha Antibody [H00002778-D01P] - Analysis of GNAS expression in transfected 293T cell line by GNAS polyclonal antibody. Lane 1: GNAS transfected lysate(45.70 KDa). Lane 2: Non-transfected lysate.



Proximity Ligation Assay: G protein alpha Antibody [H00002778-D01P] - Analysis of protein-protein interactions between GNAS and ADCY2. HeLa cells were stained with anti-GNAS rabbit purified polyclonal 1:1200 and anti-ADCY2 mouse monoclonal antibody 1:50. Each red dot represents the detection of protein-protein interaction complex, and nuclei were counterstained with DAPI (blue).



## Publications

Alain M, Marie-yvonne AN., et al. GI protein phosphorylation as marker for scoliosis progression, methods of increasing gipcr signaling subjects. United States Patent Application 2016-05-19

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**Products Related to H00002778-D01P**

HAF008	Goat anti-Rabbit IgG Secondary Antibody [HRP]
NB7160	Goat anti-Rabbit IgG (H+L) Secondary Antibody [HRP]
NBP2-24891	Rabbit IgG Isotype Control
H00002778-P01-10ug	Recombinant Human G protein alpha 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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