

Product Datasheet

G protein alpha inhibitor 1 Antibody (2B8-2A5) - Azide and BSA Free **H00002770-M01**

Unit Size: 0.1 mg

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

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H00002770-M01

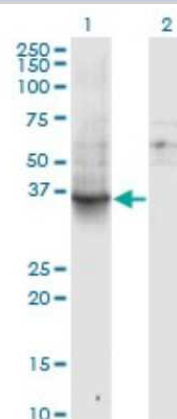
G protein alpha inhibitor 1 Antibody (2B8-2A5) - Azide and BSA Free

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	2B8-2A5
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	2770
Gene Symbol	GNAI1
Species	Human
Specificity/Sensitivity	GNAI1 - guanine nucleotide binding protein (G protein), alpha inhibiting activity polypeptide 1
Immunogen	GNAI1 (AAH26326, 1 a.a. ~ 354 a.a) full-length recombinant protein with GST tag. MW of the GST tag alone is 26 KDa. MGCTLSAEDKAAVERSKMIDRNLREDGEKAAREVKLLLLGAGESGKSTIVKQM KIIHEAGYSEEECKQYKAVVYSNTIQSIIRAMGRLKIDFGDSARADDARQLFVL AGAAEEGFMTAELAGVIKRLWKDSGVQACFNRSREYQLNDSAAYYLNLDRIA QPNYIPTQQDVLRTVRVKTGIVETHFTFKDLHFKMFQVGGQRSEKRWIHCFE GVAIIIFCVALSDDYDLVLAEDDEEMNRMHESMKLFDSCNNKWFTDTSIILFLNKK DLFEKIKKSPLTICYQEYAGSNTYEEAAAYIQCFEDLNKRKDTKEIYTHFTCA TDTKNVQFVFDAVTDVVIKNNLKDCLF
Notes	This product is produced by and distributed for Abnova, a company based in Taiwan.
Product Application Details	
Applications	Western Blot, ELISA, Immunohistochemistry, Immunohistochemistry-Paraffin, Sandwich ELISA
Recommended Dilutions	Western Blot 1:500, ELISA, Immunohistochemistry, Immunohistochemistry-Paraffin, Sandwich ELISA
Application Notes	Antibody reactivity against recombinant protein for WB. It has been used for IHC-P and ELISA.



Images

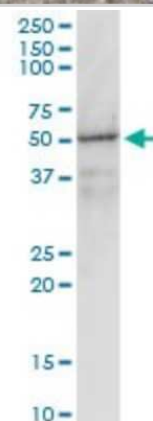
Western Blot: G protein alpha inhibitor 1 Antibody (2B8-2A5) [H00002770-M01] - Analysis of GNAI1 expression in transfected 293T cell line by GNAI1 monoclonal antibody (M01), clone 2B8-2A5. Lane 1: GNAI1 transfected lysate(40.4 KDa). Lane 2: Non-transfected lysate.



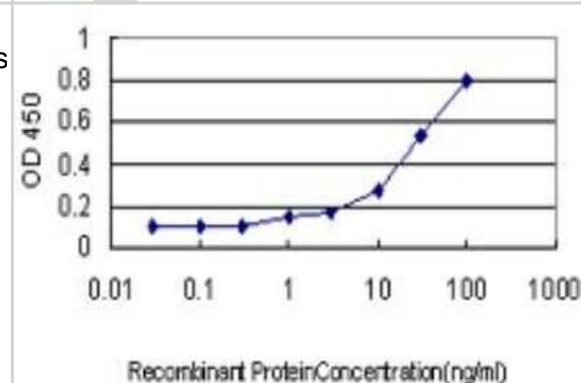
Immunohistochemistry-Paraffin: G protein alpha inhibitor 1 Antibody (2B8-2A5) [H00002770-M01] - Analysis of monoclonal antibody to GNAI1 on formalin-fixed paraffin-embedded human tonsil. Antibody concentration 3 ug/ml.



Western Blot: G protein alpha inhibitor 1 Antibody (2B8-2A5) [H00002770-M01] - GNAI1 monoclonal antibody (M01), clone 2B8-2A5. Analysis of GNAI1 expression in human liver.



Sandwich ELISA: G protein alpha inhibitor 1 Antibody (2B8-2A5) [H00002770-M01] - Detection limit for recombinant GST tagged GNAI1 is approximately 1ng/ml as a capture antibody.



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 H00002770-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)
NBP1-72466-50ug	Recombinant Human G protein alpha inhibitor 1 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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