

Product Datasheet

GO Protein alpha Antibody

NBP2-16703

Unit Size: 0.1 ml

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

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Publications: 1

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NBP2-16703

GO Protein alpha Antibody

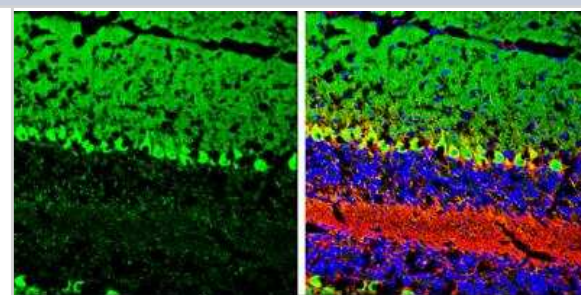
Product Information	
Unit Size	0.1 ml
Concentration	Concentrations vary lot to lot. See vial label for concentration. If unlisted please contact technical services.
Storage	Aliquot and store at -20C or -80C. Avoid freeze-thaw cycles.
Clonality	Polyclonal
Preservative	0.01% Thimerosal
Isotype	IgG
Purity	Antigen Affinity-purified
Buffer	PBS, 1% BSA, 20% Glycerol
Target Molecular Weight	40 kDa

Product Description	
Description	Novus Biologicals Rabbit GO Protein alpha Antibody (NBP2-16703) is a polyclonal antibody validated for use in IHC, WB, ICC/IF and IP. Anti-GO Protein alpha Antibody: Cited in 1 publication. All Novus Biologicals antibodies are covered by our 100% guarantee.
Host	Rabbit
Gene ID	2775
Gene Symbol	GNAO1
Species	Human, Mouse, Rat, Zebrafish
Immunogen	Recombinant protein encompassing a sequence within the center region of human GO Protein alpha. The exact sequence is proprietary.

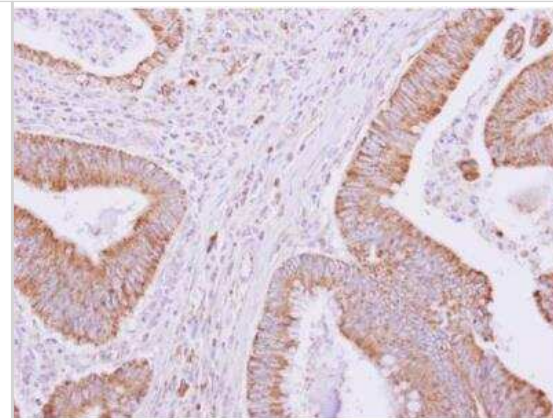
Product Application Details	
Applications	Western Blot, Immunohistochemistry-Paraffin, Immunocytochemistry/Immunofluorescence, Immunohistochemistry, Immunohistochemistry-Frozen, Immunoprecipitation
Recommended Dilutions	Western Blot 1:500-1:20000, Immunohistochemistry 1:100-1:1000, Immunocytochemistry/ Immunofluorescence 1:100-1:1000, Immunoprecipitation 1:100-1:500, Immunohistochemistry-Paraffin 1:100-1:1000, Immunohistochemistry-Frozen 1:100-1:1000

Images

Immunohistochemistry-Frozen: GO Protein alpha Antibody [NBP2-16703] - Frozen-sectioned mouse cerebellum. Green: GNAO1 stained by GNAO1 antibody diluted at 1:250. Red: NF-H, stained by NF-H antibody [114] diluted at 1:500. Blue: Fluoroshield with DAPI.



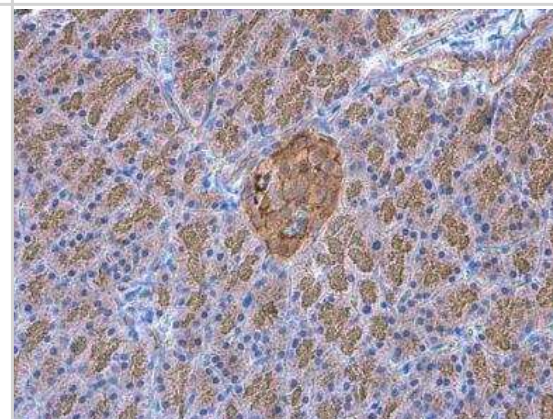
Immunohistochemistry-Paraffin: GO Protein alpha Antibody [NBP2-16703] - Colon carcinoma. GNAO1 antibody dilution: 1:500. Antigen Retrieval: Trilogy™ (EDTA based, pH 8.0) buffer, 15min.



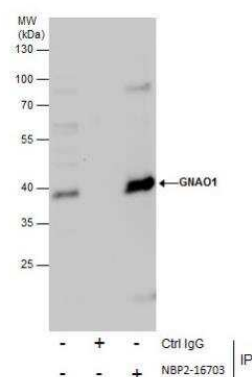
Immunohistochemistry-Paraffin: GO Protein alpha Antibody [NBP2-16703] - Mouse pancreas. GNAO1 antibody diluted at 1:500. Antigen Retrieval: Citrate buffer, pH 6.0, 15 min.



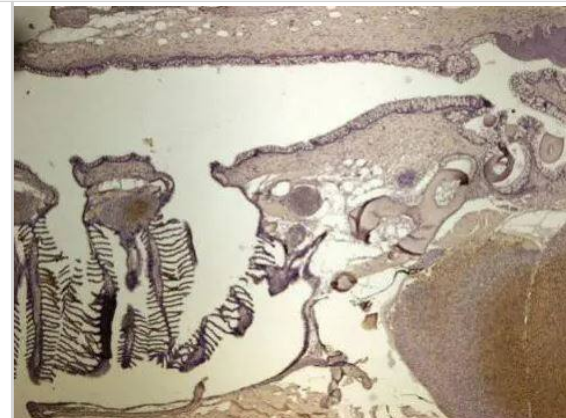
Immunohistochemistry-Paraffin: GO Protein alpha Antibody [NBP2-16703] - Rat pancreas. GNAO1 antibody diluted at 1:500. Antigen Retrieval: Citrate buffer, pH 6.0, 15 min.



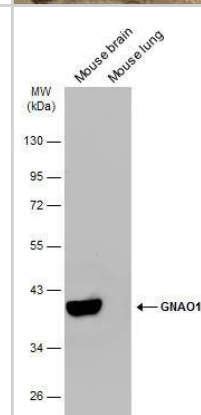
Immunoprecipitation: GO Protein alpha Antibody [NBP2-16703] - GNAO1 protein from HeLa whole cell extracts using 5 ug of GNAO1 antibody (NBP2-16703). Western blot analysis was performed using GNAO1 antibody (NBP2-16703). EasyBlot anti-Rabbit IgG was used as a secondary reagent.



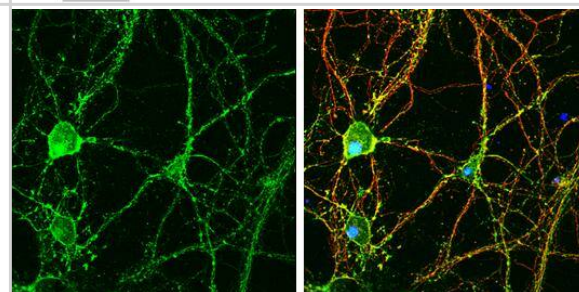
Immunohistochemistry-Paraffin: GAO Protein alpha Antibody [NBP2-16703] - Analysis of paraffin-embedded zebrafish tissue, using GNAO1 antibody at 1:300 dilution.



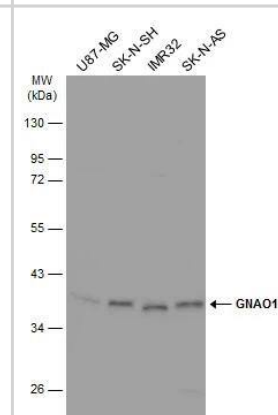
Various tissue extracts (50 ug) were separated by 10% SDS-PAGE, and the membrane was blotted with GNAO1 antibody (NBP2-16703) diluted at 1:10000. The HRP-conjugated anti-rabbit IgG antibody was used to detect the primary antibody.



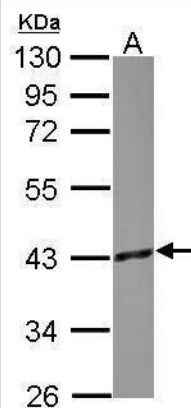
GNAO1 antibody detects GNAO1 protein by immunofluorescent analysis. Sample: DIV9 rat E18 primary hippocampal neuron cells were fixed in 4% paraformaldehyde at RT for 15 min. Green: GNAO1 stained by GNAO1 antibody (NBP2-16703) diluted at 1:500. Red: beta Tubulin 3/ Tuj1, stained by beta Tubulin 3/ Tuj1 antibody [GT1338] diluted at 1:500. Blue: Fluoroshield with DAPI .



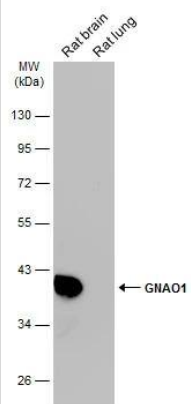
Various whole cell extracts (30 ug) were separated by 10% SDS-PAGE, and the membrane was blotted with GNAO1 antibody (NBP2-16703) diluted at 1:1000. The HRP-conjugated anti-rabbit IgG antibody was used to detect the primary antibody.



Sample (30 ug of whole cell lysate)
 A: adult zebrafish
 10% SDS PAGE
 NBP2-16703 diluted at 1:5000



Various tissue extracts (50 ug) were separated by 10% SDS-PAGE, and the membrane was blotted with GNAO1 antibody (NBP2-16703) diluted at 1:10000. The HRP-conjugated anti-rabbit IgG antibody was used to detect the primary antibody.



Publications

Chen S, Zhi Z et al. Bright Light Suppresses Form-Deprivation Myopia Development With Activation of Dopamine D1 Receptor Signaling in the ON Pathway in Retina. Invest Ophthalmol Vis Sci 2017-01-04 [PMID: 28431434] (IF/IHC, Mouse)



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Products Related to NBP2-16703

NBP2-33376H	Blue Marker Antibody (6F4-F6) [HRP]
HAF008	Goat anti-Rabbit IgG Secondary Antibody [HRP]
NB7160	Goat anti-Rabbit IgG (H+L) Secondary Antibody [HRP]
NBP2-24891	Rabbit IgG Isotype Control

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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