

**GNAO1 Antibody (C-term)**  
**Affinity Purified Rabbit Polyclonal Antibody (Pab)**  
**Catalog # AP9134b****Specification**

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**GNAO1 Antibody (C-term) - Product Information**

Application	WB, FC,E
Primary Accession	<a href="#">P09471</a>
Other Accession	<a href="#">P08239</a>
Reactivity	Mouse, Rat
Predicted	Bovine
Host	Rabbit
Clonality	Polyclonal
Isotype	Rabbit IgG
Antigen Region	291-320

**GNAO1 Antibody (C-term) - Additional Information****Gene ID** 2775**Other Names**

Guanine nucleotide-binding protein G(o) subunit alpha, GNAO1

**Target/Specificity**

This GNAO1 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 291-320 amino acids from the C-terminal region of human GNAO1.

**Dilution**

WB~~1:2000

FC~~1:10~50

**Format**

Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is purified through a protein A column, followed by peptide affinity purification.

**Storage**

Maintain refrigerated at 2-8°C for up to 2 weeks. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles.

**Precautions**

GNAO1 Antibody (C-term) is for research use only and not for use in diagnostic or therapeutic procedures.

**GNAO1 Antibody (C-term) - Protein Information****Name** GNAO1**Function** Guanine nucleotide-binding proteins (G proteins) are involved as modulators or

transducers in various transmembrane signaling systems. The G(o) protein function is not clear. Stimulated by RGS14.

#### Cellular Location

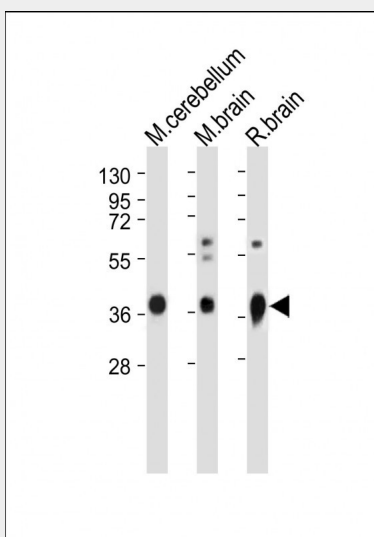
Cell membrane. Membrane; Lipid-anchor

#### GNAO1 Antibody (C-term) - Protocols

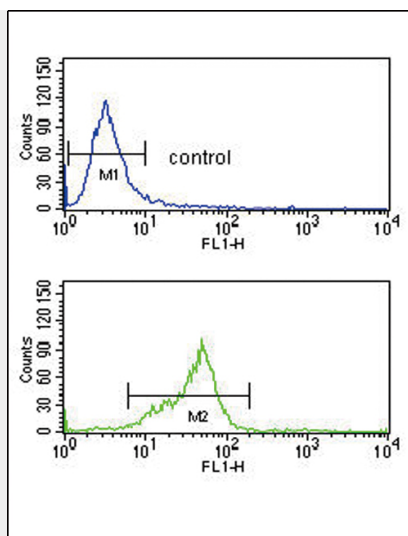
Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

#### GNAO1 Antibody (C-term) - Images



All lanes : Anti-GNAO1 Antibody (C-term) at 1:2000 dilution Lane 1: Mouse cerebellum whole lysate Lane 2: Mouse brain whole lysate Lane 3: Rat brain whole lysate Lysates/proteins at 20 µg per lane. Secondary Goat Anti-Rabbit IgG, (H+L), Peroxidase conjugated at 1/10000 dilution. Predicted band size : 40 kDa Blocking/Dilution buffer: 5% NFDM/TBST.



GNAO1 Antibody (C-term) (Cat. #AP9134b) flow cytometry analysis of K562 cells (bottom histogram) compared to a negative control cell (top histogram). FITC-conjugated goat-anti-rabbit secondary antibodies were used for the analysis.

#### **GNAO1 Antibody (C-term) - Background**

Guanine nucleotide-binding proteins (G proteins) are involved as modulators or transducers in various transmembrane signaling systems. The G(o) protein function is not clear.

#### **GNAO1 Antibody (C-term) - References**

Yi, F., et al., J. Biol. Chem. 266 (6), 3900-3906 (1991)