




## Product datasheet

### Anti-GNAO1 antibody ab117273

[2 Images](#)

#### Overview

|                            |   |
|----------------------------|---|
| <b>Product name</b>        | Anti-GNAO1 antibody   |
| <b>Description</b>         | Rabbit polyclonal to GNAO1  |
| <b>Host species</b>        | Rabbit  |
| <b>Tested applications</b> | <b>Suitable for:</b> IHC-P  |
| <b>Species reactivity</b>  | <b>Reacts with:</b> Mouse<br><b>Predicted to work with:</b> Rat, Horse, Cow, Human, Xenopus laevis, Zebrafish, Xenopus tropicalis    |
| <b>Immunogen</b>           | Synthetic peptide corresponding to Mouse GNAO1 aa 300-400 (C terminal) conjugated to keyhole limpet haemocyanin.<br><a href="#"> Run BLAST with</a> <a href="#">Expasy</a> <a href="#"> Run BLAST with</a> <a href="#">NCBI</a>   |
| <b>Positive control</b>    | Mouse Brain Cerebellum and Cortex tissues.  |
| <b>General notes</b>       | <p>The Life Science industry has been in the grips of a reproducibility crisis for a number of years. Abcam is leading the way in addressing this with our range of recombinant monoclonal antibodies and knockout edited cell lines for gold-standard validation. Please check that this product meets your needs before purchasing.</p> <p>If you have any questions, special requirements or concerns, please send us an inquiry and/or contact our Support team ahead of purchase. Recommended alternatives for this product can be found below, along with publications, customer reviews and Q&amp;As</p> |

#### Properties

|                             |   |
|-----------------------------|---|
| <b>Form</b>                 | Liquid  |
| <b>Storage instructions</b> | Shipped at 4°C. Upon delivery aliquot and store at -20°C. Avoid freeze / thaw cycles. |
| <b>Storage buffer</b>       | Preservative: 0.09% Sodium azide<br>Constituent: 99% PBS                              |
| <b>Purity</b>               | Ammonium Sulphate Precipitation   |
| <b>Clonality</b>            | Polyclonal  |
| <b>Isotype</b>              | IgG   |

#### Applications

## The Abpromise guarantee

Our **Abpromise guarantee** covers the use of ab117273 in the following tested applications.

The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

| Application | Abreviews | Notes   |
|-------------|-----------|---|
| IHC-P       |           | Use a concentration of 10 µg/ml. Perform heat mediated antigen retrieval with citrate buffer pH 6 before commencing with IHC staining protocol. |

## Target

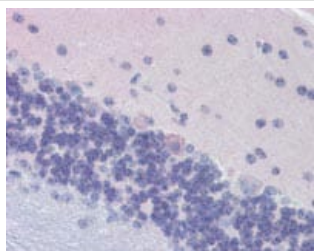
### Function

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.

### Sequence similarities

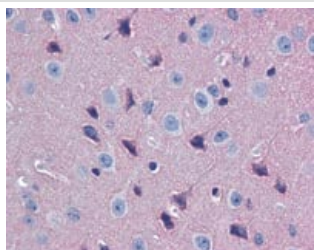
Belongs to the G-alpha family. G(i/o/t/z) subfamily.

## Images



Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-GNAO1 antibody (ab117273)

ab117273, at 10 µg/ml, staining GNAO1 in Formalin-fixed, Paraffin-embedded Mouse Brain cerebellum tissue by Immunohistochemistry followed by biotinylated secondary antibody, alkaline phosphatase-streptavidin and chromogen.



Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-GNAO1 antibody (ab117273)

ab117273, at 10 µg/ml, staining GNAO1 in Formalin-fixed, Paraffin-embedded Mouse Brain cortex tissue by Immunohistochemistry followed by biotinylated secondary antibody, alkaline phosphatase-streptavidin and chromogen.

**Please note:** All products are "FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC PROCEDURES"

### **Our Abpromise to you: Quality guaranteed and expert technical support**

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- Replacement or refund for products not performing as stated on the datasheet
- Valid for 12 months from date of delivery
- Response to your inquiry within 24 hours
  
- We provide support in Chinese, English, French, German, Japanese and Spanish
- Extensive multi-media technical resources to help you
- We investigate all quality concerns to ensure our products perform to the highest standards

If the product does not perform as described on this datasheet, we will offer a refund or replacement. For full details of the Abpromise, please visit <https://www.abcam.com/abpromise> or contact our technical team.

### **Terms and conditions**

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