

# Product Datasheet

## GO Protein alpha Antibody - BSA Free NB100-66416

Unit Size: 0.5 ml

Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.

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**NB100-66416**

GO Protein alpha Antibody - BSA Free

**Product Information**

|                                |                                                                                        |
|--------------------------------|----------------------------------------------------------------------------------------|
| <b>Unit Size</b>               | 0.5 ml                                                                                 |
| <b>Concentration</b>           | 5.0 mg/ml                                                                              |
| <b>Storage</b>                 | Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles. |
| <b>Clonality</b>               | Polyclonal                                                                             |
| <b>Preservative</b>            | 0.09% Sodium Azide                                                                     |
| <b>Isotype</b>                 | IgG                                                                                    |
| <b>Purity</b>                  | Protein G purified                                                                     |
| <b>Buffer</b>                  | PBS                                                                                    |
| <b>Target Molecular Weight</b> | 40 kDa                                                                                 |

**Product Description**

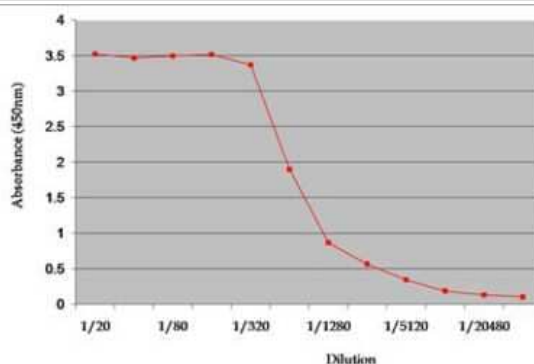
|                                |                                                                                                                                                                                                                                                                     |
|--------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Description</b>             | Novus Biologicals Rabbit GO Protein alpha Antibody - BSA Free (NB100-66416) is a polyclonal antibody validated for use in WB and ELISA. Anti-GO Protein alpha Antibody: Cited in 1 publication. All Novus Biologicals antibodies are covered by our 100% guarantee. |
| <b>Host</b>                    | Rabbit                                                                                                                                                                                                                                                              |
| <b>Gene ID</b>                 | 2775                                                                                                                                                                                                                                                                |
| <b>Gene Symbol</b>             | GNAO1                                                                                                                                                                                                                                                               |
| <b>Species</b>                 | Mouse                                                                                                                                                                                                                                                               |
| <b>Reactivity Notes</b>        | Predicted cross-reactivities: Drosophila                                                                                                                                                                                                                            |
| <b>Specificity/Sensitivity</b> | G PROTEIN ALPHA 0                                                                                                                                                                                                                                                   |
| <b>Immunogen</b>               | Synthetic peptide corresponding to the amino acids 345 - 354 (C-ANNLRGCGLY) of the native isoform 1 molecule conjugated to Keyhole Limpet Haemocyanin                                                                                                               |

**Product Application Details**

|                              |                                               |
|------------------------------|-----------------------------------------------|
| <b>Applications</b>          | Western Blot, ELISA                           |
| <b>Recommended Dilutions</b> | Western Blot 1:100-1:2000, ELISA 1:500-1:1000 |

**Images**

ELISA: GO Protein alpha Antibody [NB100-66416] - Synthetic G Protein Alpha 0 detected with Rabbit anti Mouse G Protein Alpha 0



## Publications

Guo F, Yi W, Zhou M et al. Go signaling in mushroom bodies regulates sleep in Drosophila. Sleep. 2011-03-01 [PMID: 21358844]





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### **Products Related to NB100-66416**

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|             |                                                     |
|-------------|-----------------------------------------------------|
| 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                          |

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### **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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