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# GOAT ANTI-GNB3 & GNB4 ANTIBODY

**SKU:** EB10456

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# SPECIFICATIONS

| | |
|---|---|
| **Formulation** | Supplied at 0.5 mg/ml in Tris saline, 0.02% sodium azide, pH7.3 with 0.5% bovine serum albumin. |
| **Unit Size** | 100 µg |
| **Storage Instructions** | Aliquot and store at -20°C. Minimize freezing and thawing. |
| **Synonym / Alias Names** | GNB3\|guanine nucleotide-binding protein, beta-3\|guanine nucleotide-binding protein G(I)/G(S)/G(T) beta subunit 3\|guanine nucleotide binding protein (G protein), beta polypeptide 3\|GTP-binding regulatory protein beta-3 chain\|G protein, beta-3 subunit |
| **Accession ID** | NP_002066.1, NP_067642.1 |
| **Blocking Peptide** | EBP10456 |
| **Immunogen** | Peptide with sequence SGHDNRVSCLGVT, from the internal region of the protein sequence according to NP_002066.1, NP_067642.1. |
| **Product Comments** | This antibody is expected to recognize GNB3 & GNB4 (GeneID: 2784, 59345; ProteinID: NP_002066.1; NP_067642.1). |
| **Peptide Sequence** | SGHDNRVSCLGVT |
| **Purification Method** | Purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide. |
| **Shipping Instructions** | Refrigerated |
| **Predicted Species** | Human |
| **Reactive Species** | Human |
| **Human Gene ID** | 2784, 59345 |
| **Rat Gene ID** | 60449 |
| **Product Grade** | https://prod-vector-labs-pimcore-assets.s3.us-east-1.amazonaws.com/assets/products/image/elite_medium.png |
| **IHC Results** | In paraffin embedded Human Cerebellum shows strong axonal staining in the Molecular layer and less so in the Granular layer. Recommended concentration, 3-5µg/ml. |
| **ELISA Detection Limit** | Antibody detection limit dilution 1:16000. |
| **Western Blot** | Approx 35kDa band observed in lysates of cell line HepG2 (calculated MW of 37.2kDa according to NP_002066.1. Recommended concentration: 0.1-0.3µg/ml. |
| **Application Type** | Pep-ELISA, WB, IHC |

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# DOCUMENTS

- Data Sheet

# GALLERY IMAGES

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