

GNB3 & GNB4 Antibody (internal region)
Peptide-affinity purified goat antibody
Catalog # AF3368a**Specification**

GNB3 & GNB4 Antibody (internal region) - Product Information

Application	WB, IHC, E
Primary Accession	P16520
Other Accession	NP_002066.1 , NP_067642.1 , 2784 , 59345 , 60449 (rat)
Reactivity	Human
Host	Goat
Clonality	Polyclonal
Concentration	0.5 mg/ml
Isotype	IgG
Calculated MW	37221

GNB3 & GNB4 Antibody (internal region) - Additional Information**Gene ID** 2784**Other Names**

Guanine nucleotide-binding protein G(I)/G(S)/G(T) subunit beta-3, Transducin beta chain 3, GNB3

DilutionWB~~1:1000
IHC~~1:100~500
E~~N/A**Format**

0.5 mg/ml in Tris saline, 0.02% sodium azide, pH7.3 with 0.5% bovine serum albumin

Storage

Maintain refrigerated at 2-8°C for up to 6 months. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles.

Precautions

GNB3 & GNB4 Antibody (internal region) is for research use only and not for use in diagnostic or therapeutic procedures.

GNB3 & GNB4 Antibody (internal region) - Protein Information**Name** GNB3**Function**

Guanine nucleotide-binding proteins (G proteins) are involved as a modulator or transducer in various transmembrane signaling systems. The beta and gamma chains are required for the

GTPase activity, for replacement of GDP by GTP, and for G protein-effector interaction.

GNB3 & GNB4 Antibody (internal region) - Protocols

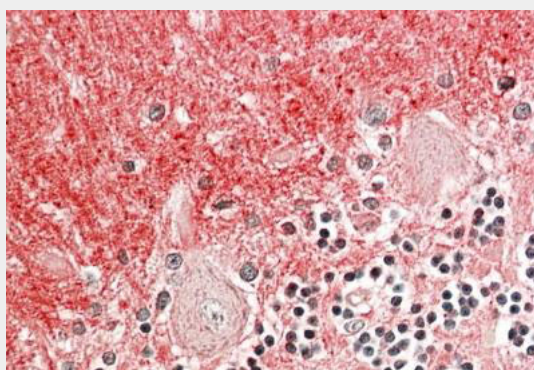
Provided below are standard protocols that you may find useful for product applications.

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

GNB3 & GNB4 Antibody (internal region) - Images



AF3368a (0.1 µg/ml) staining of HepG2 lysate (35 µg protein in RIPA buffer). Primary incubation was 1 hour. Detected by chemiluminescence.



AF3368a (3.8 µg/ml) staining of paraffin embedded Human Cerebellum. Steamed antigen retrieval with citrate buffer pH 6, AP-staining.

GNB3 & GNB4 Antibody (internal region) - Background

This antibody is expected to recognize GNB3 & GNB4 (GeneID: 2784, 59345; ProteinID:

NP_002066.1; NP_067642.1).

GNB3 & GNB4 Antibody (internal region) - References

Frequencies of genetic polymorphisms related to triptans metabolism in chronic migraine. Gentile G, Missori S, Borro M, Sebastianelli A, Simmaco M, Martelletti P, The journal of headache and pain 2010 Apr 11 (2): 151-6. PMID: 20213484