

# GNB3 Rabbit mAb

Catalog # AP75510

## Product Information

---

<b>Application</b>	WB, IHC-P
<b>Primary Accession</b>	<a href="#">P16520</a>
<b>Reactivity</b>	Rat, Human, Mouse
<b>Host</b>	Rabbit
<b>Clonality</b>	Monoclonal Antibody
<b>Isotype</b>	IgG
<b>Conjugate</b>	Unconjugated
<b>Purification</b>	Affinity Purified
<b>Calculated MW</b>	37221

## Additional Information

---

<b>Gene ID</b>	2784
<b>Other Names</b>	GNB3
<b>Dilution</b>	WB~~1:1000-1:5000 IHC-P~~N/A
<b>Format</b>	Liquid in 50mM Tris-Glycine(pH 7.4), 0.15M NaCl, 40%Glycerol, 0.01% sodium azide and 0.05% BSA.
<b>Storage</b>	Store at 4°C short term. Aliquot and store at -20°C long term. Avoid freeze/thaw cycles.

## Protein Information

---

<b>Name</b>	GNB3
<b>Function</b>	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.

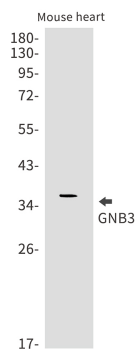
## Background

---

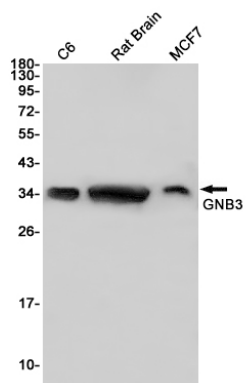
Guanine nucleotide-binding proteins (g proteins) are involved as a modulator or transducer in various transmembrane signaling systems, by integrating signals between receptors and effector proteins. G proteins are composed of an alpha, a beta, and a gamma subunit. This gene encodes a 34 kd beta subunit, being expressed in all tissues. Beta subunits are important regulators of alpha subunits, as well as of certain signal transduction receptors and effectors.

## Images

---



Western blot analysis of GNB3 in mouse heart lysates using GNB3 antibody.



Western blot analysis of GNB3 in C6, rat Brain, MCF-7 lysates using GNB3 antibody.

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.