

# GNB1 rabbit monoclonal antibody

Catalog # H00002782-K

Size 100 ug x up to 3

## Specification

<b>Product Description</b>	Rabbit monoclonal antibody raised against a human GNB1 peptide using ARM Technology.
<b>Immunogen</b>	A synthetic peptide of human GNB1 is used for rabbit immunization. Customer or Abnova will decide on the preferred peptide sequence.
<b>Host</b>	Rabbit
<b>Library Construction</b>	Non-fusion antibody library from rabbit spleen ( <a href="#">ARM Technology</a> ).
<b>Expression</b>	Overexpression vector and transfection into 293H cell line.
<b>Reactivity</b>	Human
<b>Purification</b>	Protein A
<b>Isotype</b>	IgG
<b>Quality Control Testing</b>	Antibody reactive against human GNB1 peptide by ELISA and mammalian transfected lysate by Western Blot.
<b>Storage Buffer</b>	In 1x PBS, pH 7.4
<b>Storage Instruction</b>	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.
<b>Deliverable</b>	Up to three rabbit IgG clones of 100 ug each will be delivered to customer.
<b>Note</b>	1. Customer may provide cell or tissue lysate for antibody screening. 2. Rabbit monoclonal antibody generated by ARM technology is amenable to antibody engineering including F(ab) <sub>2</sub> , IgG, scFv and different Fc and non-Fc conjugates per customer request.

## Applications

- Western Blot (Transfected lysate)

[Protocol Download](#)

- ELISA

## Gene Info — GNB1

Entrez GeneID	<a href="#">2782</a>
GeneBank Accession#	<a href="#">GNB1</a>
Gene Name	GNB1
Gene Alias	-
Gene Description	guanine nucleotide binding protein (G protein), beta polypeptide 1
Omim ID	<a href="#">139380</a>
Gene Ontology	<a href="#">Hyperlink</a>
Gene Summary	Heterotrimeric guanine nucleotide-binding proteins (G proteins), which integrate signals between receptors and effector proteins, are composed of an alpha, a beta, and a gamma subunit. These subunits are encoded by families of related genes. This gene encodes a beta subunit. Beta subunits are important regulators of alpha subunits, as well as of certain signal transduction receptors and effectors. This gene uses alternative polyadenylation signals. [provided by RefSeq]
Other Designations	G protein, beta-1 subunit OTTHUMP00000001107 OTTHUMP000000063508 beta subunit, signal-transducing proteins GS/GI guanine nucleotide-binding protein G(I)/G(S)/G(T) beta subunit 1 guanine nucleotide-binding protein, beta-1 subunit transducin beta chain 1

## Pathway

- [Chemokine signaling pathway](#)
- [Taste transduction](#)

## Disease

- [Asthma](#)
- [Retinitis Pigmentosa](#)