

GNB5 rabbit monoclonal antibody

Catalog # H00010681-K Size 100 ug x up to 3

Specification

Product Description	Rabbit monoclonal antibody raised against a human GNB5 peptide using ARM Technology.
Immunogen	A synthetic peptide of human GNB5 is used for rabbit immunization. Customer or Abnova will decide on the preferred peptide sequence.
Host	Rabbit
Library Construction	Non-fusion antibody library from rabbit spleen (ARM Technology).
Expression	Overexpression vector and transfection into 293H cell line.
Reactivity	Human
Purification	Protein A
Isotype	IgG
Quality Control Testing	Antibody reactive against human GNB5 peptide by ELISA and mammalian transfected lysate by Western Blot.
Storage Buffer	In 1x PBS, pH 7.4
Storage Instruction	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.
Deliverable	Up to three rabbit IgG clones of 100 ug each will be delivered to customer.
Note	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) ₂ , IgG, scFv and different Fc and non-Fc conjugates per customer request.

Applications

- Western Blot (Transfected lysate)

[Protocol Download](#)

- ELISA

Gene Info — GNB5

Entrez GeneID	10681
GeneBank Accession#	GNB5
Gene Name	GNB5
Gene Alias	FLJ37457, FLJ43714, GB5
Gene Description	guanine nucleotide binding protein (G protein), beta 5
Omim ID	604447
Gene Ontology	Hyperlink
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. Alternatively spliced transcript variants encoding different isoforms exist. [provided by RefSeq]
Other Designations	G protein, beta subunit 5L G protein, beta-5 subunit guanine nucleotide-binding protein, beta subunit 5L guanine nucleotide-binding protein, beta-5 subunit transducin beta chain 5

Pathway

- [Chemokine signaling pathway](#)

Disease

- [Genetic Predisposition to Disease](#)
- [Hematologic Diseases](#)
- [Occupational Diseases](#)