GNAI2 rabbit monoclonal antibody

Catalog # H00002771-K Size 100 ug x up to 3

Specification

Product Description	Rabbit monoclonal antibody raised against a human GNAI2 peptide using ARM Technology.
Immunogen	A synthetic peptide of human GNAI2 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 GNAI2 peptide by ELISA and mammalian transfected lysate by We stern 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 in cluding $F(ab)_2$, IgG, scFv and different Fc and non-Fc conjugates per customer request.

Applications

- Western Blot (Transfected lysate)

  Protocol Download

- ELISA

Gene Info — GNAI2

Entrez GeneID	2771
GeneBank Accession#	GNAI2
Gene Name	GNAI2
Gene Alias	GIP, GNAI2B, H_LUCA15.1, H_LUCA16.1
Gene Description	guanine nucleotide binding protein (G protein), alpha inhibiting activity polypeptide 2
Omim ID	139360 192605
Gene Ontology	Hyperlink
Gene Summary	O
Other Designations	GTP-binding regulatory protein Gi alpha-2 chain|WUGSC:H_LUCA15.1|WUGSC:H_LUCA16.1

Pathway

- Axon guidance
- Chemokine signaling pathway
- Gap junction
- Leukocyte transendothelial migration
- Long-term depression
- Melanogenesis
- Tight junction

Disease

- Adenoma
- Cardiovascular Diseases

- Diabetes Mellitus
- Edema
- Genetic Predisposition to Disease
- Hypertension
- Insulin Resistance
- Pituitary Neoplasms
- Schizophrenia