GNA14 rabbit monoclonal antibody

Catalog # H00009630-K Size 100 ug x up to 3

Specification

Product Description	Rabbit monoclonal antibody raised against a human GNA14 peptide using ARM Technology.
Immunogen	A synthetic peptide of human GNA14 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 GNA14 peptide by ELISA and mammalian transfected lysate by W estern 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 — GNA14

Entrez GeneID	9630
GeneBank Accession#	GNA14
Gene Name	GNA14
Gene Alias	-
Gene Description	guanine nucleotide binding protein (G protein), alpha 14
Omim ID	604397
Gene Ontology	Hyperlink
Gene Summary	This gene encodes a member of the guanine nucleotide-binding, or G protein family. G proteins a re heterotrimers consisting of alpha, beta and gamma subunits. The encoded protein is a membe r of the alpha family of G proteins, more specifically the alpha q subfamily of G proteins. The enco ded protein may play a role in pertussis-toxin resistant activation of phospholipase C-beta and its downstream effectors
Other Designations	OTTHUMP00000021515|guanine nucleotide-binding protein 14

Pathway

- Calcium signaling pathway

Disease

- Cardiovascular Diseases
- Diabetes Mellitus
- Edema
- Genetic Predisposition to Disease
- Hypertension
- Tobacco Use Disorder