GNAT2 rabbit monoclonal antibody

Catalog # H00002780-K Size 100 ug x up to 3

Specification

Product Description	Rabbit monoclonal antibody raised against a human GNAT2 peptide using ARM Technology.
Immunogen	A synthetic peptide of human GNAT2 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 GNAT2 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 — GNAT2

Entrez GeneID	2780
GeneBank Accession#	GNAT2
Gene Name	GNAT2
Gene Alias	ACHM4, GNATC
Gene Description	guanine nucleotide binding protein (G protein), alpha transducing activity polypeptide 2
Omim ID	139340
Gene Ontology	Hyperlink
Gene Summary	Transducin is a 3-subunit guanine nucleotide-binding protein (G protein) which stimulates the cou pling of rhodopsin and cGMP-phoshodiesterase during visual impulses. The transducin alpha sub units in rods and cones are encoded by separate genes. This gene encodes the alpha subunit in cones. [provided by RefSeq
Other Designations	OTTHUMP00000013354|cone-type transducin alpha subunit|guanine nucleotide binding protein, alpha transducing activity polypeptide 2|guanine nucleotide-binding protein G(t), alpha-2 subunit|tr ansducin alpha-2 chain|transducin, cone-specific, alpha polypepti

Disease

- Color Vision
- Color Vision Defects
- Retinal Degeneration