

GNGT1 rabbit monoclonal antibody

Catalog # H00002792-K

Size 100 ug x up to 3

Specification

Product Description	Rabbit monoclonal antibody raised against a human GNGT1 peptide using ARM Technology.
Immunogen	A synthetic peptide of human GNGT1 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 GNGT1 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 — GNGT1

Entrez GeneID	2792
GeneBank Accession#	GNGT1
Gene Name	GNGT1
Gene Alias	GNG1
Gene Description	guanine nucleotide binding protein (G protein), gamma transducing activity polypeptide 1
Omim ID	189970
Gene Ontology	Hyperlink
Gene Summary	Heterotrimeric guanine nucleotide-binding proteins (G proteins) transduce extracellular signals received by transmembrane receptors to effector proteins. Transducin is a guanine nucleotide-binding protein found specifically in rod outer segments, where it mediates activation by rhodopsin of a cyclic GTP-specific (guanosine monophosphate) phosphodiesterase. Transducin is also referred to as GMPase. GNGT1 encodes the gamma subunit of transducin (Hurley et al., 1984 [PubMed 6438626]; Scherer et al., 1996 [PubMed 8661128]).[supplied by OMIM]
Other Designations	OTTHUMP00000024526

Pathway

- [Chemokine signaling pathway](#)