GGPS1 rabbit monoclonal antibody

Catalog # H00009453-K Size 100 ug x up to 3

Specification

Product Description	Rabbit monoclonal antibody raised against a human GGPS1 peptide using ARM Technology.
Immunogen	A synthetic peptide of human GGPS1 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 GGPS1 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 — GGPS1

Entrez GeneID	9453
GeneBank Accession#	GGPS1
Gene Name	GGPS1
Gene Alias	GGPPS, GGPPS1
Gene Description	geranylgeranyl diphosphate synthase 1
Omim ID	606982
Gene Ontology	Hyperlink
Gene Summary	This gene is a member of the prenyltransferase family and encodes a protein with geranylgeranyl diphosphate (GGPP) synthase activity. The enzyme catalyzes the synthesis of GGPP from farnesyl diphosphate and isopentenyl diphosphate. GGPP is an important molecule responsible for the C 20-prenylation of proteins and for the regulation of a nuclear hormone receptor. Alternate transcriptional splice variants, encoding different isoforms, have been characterized. [provided by RefSeq
Other Designations	OTTHUMP00000036073

Pathway

- Biosynthesis of alkaloids derived from terpenoid and polyketide
- Biosynthesis of plant hormones
- Biosynthesis of terpenoids and steroids
- Metabolic pathways
- Terpenoid backbone biosynthesis