

GPRC5B rabbit monoclonal antibody

Catalog # H00051704-K

Size 100 ug x up to 3

Specification

Product Description	Rabbit monoclonal antibody raised against a human GPRC5B peptide using ARM Technology.
Immunogen	A synthetic peptide of human GPRC5B 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 GPRC5B 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 — GPRC5B

Entrez GeneID	51704
GeneBank Accession#	GPRC5B
Gene Name	GPRC5B
Gene Alias	RAIG-2, RAIG2
Gene Description	G protein-coupled receptor, family C, group 5, member B
Omim ID	605948
Gene Ontology	Hyperlink
Gene Summary	The protein encoded by this gene is a member of the type 3 G protein-coupled receptor family. Members of this superfamily are characterized by a signature 7-transmembrane domain motif. The specific function of this protein is unknown; however, this protein may mediate the cellular effects of retinoic acid on the G protein signal transduction cascade. [provided by RefSeq]
Other Designations	G protein-coupled receptor, family C, group 1, member B retinoic acid responsive gene protein

Disease

- [Genetic Predisposition to Disease](#)
- [Hyperparathyroidism](#)
- [Obesity](#)