

RGS20 rabbit monoclonal antibody

Catalog # H00008601-K

Size 100 ug x up to 3

Specification

Product Description	Rabbit monoclonal antibody raised against a human RGS20 peptide using ARM Technology.
Immunogen	A synthetic peptide of human RGS20 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 RGS20 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 — RGS20

Entrez GeneID [8601](#)

GeneBank Accession# [RGS20](#)

Gene Name RGS20

Gene Alias RGSZ1, ZGAP1

Gene Description regulator of G-protein signaling 20

Omim ID [607193](#)

Gene Ontology [Hyperlink](#)

Gene Summary Regulator of G protein signaling (RGS) proteins are regulatory and structural components of G protein-coupled receptor complexes. RGS proteins are GTPase-activating proteins for Gi (see GNAI1; MIM 139310) and Gq (see GNAQ; MIM 600998) class G-alpha proteins. They accelerate transit through the cycle of GTP binding and hydrolysis and thereby accelerate signaling kinetics and termination.[supplied by OMIM]

Other Designations regulator of G-protein signalling 20|regulator of Gz-selective protein signaling

Disease

- [Carcinoma](#)
- [Genetic Predisposition to Disease](#)
- [Head and Neck Neoplasms](#)
- [Hypertension](#)
- [Neoplasm Recurrence](#)
- [Neoplasms](#)