

GAR1 rabbit monoclonal antibody

Catalog # H00054433-K

Size 100 ug x up to 3

Specification

| | |
|-------------------------|--|
| Product Description | Rabbit monoclonal antibody raised against a human GAR1 peptide using ARM Technology. |
| Immunogen | A synthetic peptide of human GAR1 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 GAR1 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 — GAR1

Entrez GeneID [54433](#)

GeneBank Accession# [GAR1](#)

Gene Name GAR1

Gene Alias NOLA1

Gene Description GAR1 ribonucleoprotein homolog (yeast)

Omim ID [606468](#)

Gene Ontology [Hyperlink](#)

Gene Summary

This gene is a member of the H/ACA snoRNPs (small nucleolar ribonucleoproteins) gene family. snoRNPs are involved in various aspects of rRNA processing and modification and have been classified into two families: C/D and H/ACA. The H/ACA snoRNPs also include the DKC1, NOLA2 and NOLA3 proteins. These four H/ACA snoRNP proteins localize to the dense fibrillar components of nucleoli and to coiled (Cajal) bodies in the nucleus. Both 18S rRNA production and rRNA pseudouridylation are impaired if any one of the four proteins is depleted. These four H/ACA snoRNP proteins are also components of the telomerase complex. The encoded protein of this gene contains two glycine- and arginine-rich domains and is related to *Saccharomyces cerevisiae* Gar1p. Two splice variants have been found for this gene. [provided by RefSeq]

Other Designations

nucleolar protein family A member 1|nucleolar protein family A, member 1|nucleolar protein family A, member 1 (H/ACA small nucleolar RNPs)

Disease

- [Alcoholism](#)
- [Anemia](#)
- [Cardiovascular Diseases](#)
- [Genetic Predisposition to Disease](#)