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Datasheet for ABIN6943519  
**anti-GARS antibody**

### Overview

|              |   |
|--------------|---|
| Quantity:    | 100 µL  |
| Target:      | GARS  |
| Reactivity:  | Human, Mouse, Rat   |
| Host:        | Rabbit  |
| Clonality:   | Monoclonal  |
| Conjugate:   | This GARS antibody is un-conjugated   |
| Application: | Western Blotting (WB), Immunohistochemistry (IHC), Immunohistochemistry (Paraffin-embedded Sections) (IHC (p)), Immunofluorescence (Cultured Cells) (IF (cc)) |

### Product Details

|                   |   |
|-------------------|---|
| Immunogen:        | Recombinant human GARS around C-terminus. |
| Clone:            | 24C2                                      |
| Isotype:          | IgG                                       |
| Cross-Reactivity: | Human, Mouse, Rat                         |
| Purification:     | Purified by Protein A.                    |

### Target Details

|                   |  |
|-------------------|--|
| Target:           | GARS   |
| Alternative Name: | GARS ( <a href="#">GARS Products</a> )   |
| Background:       | Synonyms: Glycine--tRNA ligase, Diadenosine tetraphosphate synthetase, Glycyl-tRNA |

## Target Details

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synthetase, AP-4-A synthetase, GlyRS, GARS

Background: Catalyzes the attachment of glycine to tRNA(Gly). Is also able produce diadenosine tetraphosphate (Ap4A), a universal pleiotropic signaling molecule needed for cell regulation pathways, by direct condensation of 2 ATPs.

Gene ID: 2617

UniProt: [P41250](#)

Pathways: [Ribonucleoside Biosynthetic Process](#)

## Application Details

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Application Notes: WB 1:300-5000  
IHC-P 1:200-400  
IF(ICC) 1:50-200  
IHC()

Restrictions: For Research Use only

## Handling

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Format: Liquid

Concentration: 1 µg/µL

Buffer: Aqueous buffered solution containing 1xTBS (pH 7.4), 1 % BSA, 40 %Glycerol and 0.05 % Sodium Azide.

Preservative: ProClin

Precaution of Use: This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE, which should be handled by trained staff only.

Storage: -20 °C

Storage Comment: Store at -20°C for 12 months.

Expiry Date: 12 months