

Datasheet for ABIN7450272  
**anti-GARS antibody (AA 689-739)**



[Go to Product page](#)

## Overview

Quantity:	100 µg
Target:	GARS
Binding Specificity:	AA 689-739
Reactivity:	Human, Mouse
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This GARS antibody is un-conjugated
Application:	Western Blotting (WB), Immunoprecipitation (IP)

## Product Details

Purpose:	Rabbit anti-GARS Antibody, Affinity Purified
Immunogen:	Between AA 689 and 739
Isotype:	IgG
Predicted Reactivity:	Rat,Orangutan
Purification:	Affinity Purified

## Target Details

Target:	GARS
Alternative Name:	GARS ( <a href="#">GARS Products</a> )
Background:	Background: Glycyl-tRNA synthetase (GARS) catalyzes the attachment of glycine to tRNA(Gly).

## Target Details

It is also able produce diadenosine tetraphosphate (Ap4A), a universal pleiotropic signaling molecule needed for cell regulation pathways, by direct condensation of 2 ATPs [taken from the Universal Protein Resource (UniProt) P41250].

Gene ID: 2617

NCBI Accession: [NP\\_002038](#)

UniProt: [P41250](#)

Pathways: [Ribonucleoside Biosynthetic Process](#)

## Application Details

Application Notes: IP: 2 - 10 µg/mg lysate  
WB: 1:2,000 - 1:10,000

Restrictions: For Research Use only

## Handling

Concentration: 1000 µg/mL

Buffer: Tris-citrate/phosphate buffer, pH 7 to 8 containing 0.09 % Sodium Azide

Preservative: Sodium azide

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

Storage: 4 °C

Expiry Date: 12 months