

Datasheet for ABIN7154195

anti-GARS antibody (AA 1-389) (Biotin)



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Overview

Quantity:	100 µg
Target:	GARS
Binding Specificity:	AA 1-389
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This GARS antibody is conjugated to Biotin
Application:	ELISA

Product Details

Immunogen:	Recombinant Human Glycine--tRNA ligase protein (1-389AA)
Isotype:	IgG
Cross-Reactivity:	Human
Purification:	>95%, Protein G purified

Target Details

Target:	GARS
Alternative Name:	GARS (GARS Products)
Background:	Background: Catalyzes the attachment of glycine to tRNA(Gly). Is also able produce diadenosine tetraphosphate (Ap4A), a universal pleiotropic signaling molecule needed for cell

Target Details

regulation pathways, by direct condensation of 2 ATPs.

Aliases: GARS1 antibody, GARSGlycine--tRNA ligase antibody, EC 6.1.1.14 antibody, Diadenosine tetraphosphate synthetase antibody, Ap4A synthetase antibody, EC 2.7.7.- antibody, Glycyl-tRNA synthetase antibody, GlyRS antibody, Glycyl-tRNA synthetase 1 antibody

UniProt: [P41250](#)

Pathways: [Ribonucleoside Biosynthetic Process](#)

Application Details

Application Notes: Optimal working dilution should be determined by the investigator.

Restrictions: For Research Use only

Handling

Format: Liquid

Buffer: Preservative: 0.03 % Proclin 300
Constituents: 50 % Glycerol, 0.01M PBS, pH 7.4

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,-80 °C

Storage Comment: Upon receipt, store at -20°C or -80°C. Avoid repeated freeze.