

Datasheet for ABIN7246172

anti-GARS antibody**1** Image[Go to Product page](#)

Overview

Quantity:	200 µL
Target:	GARS
Reactivity:	Human, Mouse, Rat
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This GARS antibody is un-conjugated
Application:	Western Blotting (WB), ELISA

Product Details

Immunogen:	Fusion protein of human GARS
Isotype:	IgG
Characteristics:	Polyclonal Antibody
Purification:	Antigen affinity purification

Target Details

Target:	GARS
Alternative Name:	GARS (GARS Products)
Background:	This gene encodes glycyl-tRNA synthetase, one of the aminoacyl-tRNA synthetases that charge tRNAs with their cognate amino acids. The encoded enzyme is an (alpha)2 dimer which belongs to the class II family of tRNA synthetases. It has been shown to be a target of autoantibodies in the human autoimmune diseases, polymyositis or dermatomyositis. Two

Target Details

transcript variants encoding different isoforms have been found for this gene.

Molecular Weight: Observed_MW: Refer to figures
Calculated_MW: 83 kDa

UniProt: [P41250](#)

Pathways: [Ribonucleoside Biosynthetic Process](#)

Application Details

Application Notes: WB 1:500-1:2000, ELISA 1:5000-1:10000

Restrictions: For Research Use only

Handling

Format: Liquid

Concentration: 0.6 mg/mL

Buffer: PBS with 0.05 % Sodium azide and 40 % Glycerol, pH 7.4

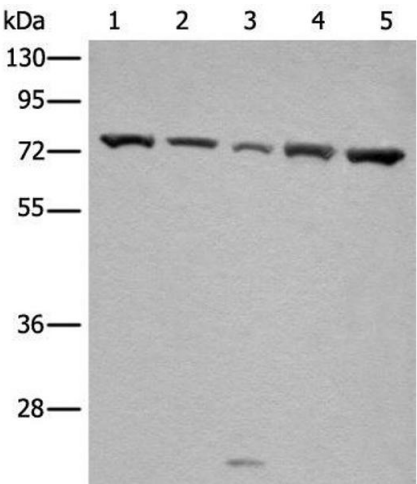
Preservative: Sodium azide

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

Storage: -20 °C

Storage Comment: Store at -20°C. Avoid freeze / thaw cycles.

Images



Western Blotting

Image 1. Western blot analysis of Hela and A431 cell Mouse brain tissue HT-29 and Jurkat cell lysates using GARS Polyclonal Antibody at dilution of 1:540