

Datasheet for ABIN392465
anti-GARS antibody (C-Term)[Go to Product page](#)

1 Image

Overview

Quantity:	400 µL
Target:	GARS
Binding Specificity:	AA 706-739, C-Term
Reactivity:	Human, Mouse, Rat
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This GARS antibody is un-conjugated
Application:	Western Blotting (WB)

Product Details

Immunogen:	This GARS antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 706-739 amino acids from the C-terminal region of human GARS.
Clone:	RB11217
Isotype:	IgG
Purification:	This antibody is purified through a protein A column, followed by peptide affinity purification.

Target Details

Target:	GARS
Alternative Name:	GARS (GARS Products)
Background:	GARS is a glycyl-tRNA synthetase, one of the aminoacyl-tRNA synthetases that charge tRNAs

Target Details

with their cognate amino acids. This protein is an (alpha)2 dimer which belongs to the class II family of tRNA synthetases. The protein has been shown to be a target of autoantibodies in the human autoimmune diseases, polymyositis or dermatomyositis.

Molecular Weight: 83166

Gene ID: 2617

NCBI Accession: [NP_002038](#)

UniProt: [P41250](#)

Pathways: [Ribonucleoside Biosynthetic Process](#)

Application Details

Application Notes: WB: 1:2000

Restrictions: For Research Use only

Handling

Format: Liquid

Buffer: Purified polyclonal antibody supplied in PBS with 0.09 % (W/V) sodium azide.

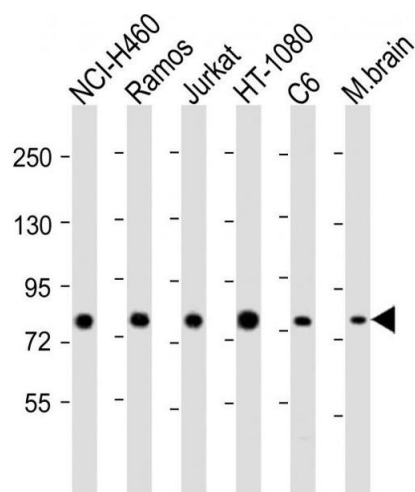
Preservative: Sodium azide

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

Storage: 4 °C,-20 °C

Storage Comment: Maintain refrigerated at 2-8 °C for up to 6 months. For long term storage store at -20 °C in small aliquots to prevent freeze-thaw cycles.

Expiry Date: 6 months



Western Blotting

Image 1. All lanes : Anti-GARS Antibody (C-term) at 1:2000 dilution Lane 1: NCI- whole cell lysate Lane 2: Ramos whole cell lysate Lane 3: Jurkat whole cell lysate Lane 4: HT-1080 whole cell lysate Lane 5: C6 whole cell lysate Lane 6: mouse brain lysate Lysates/proteins at 20 µg per lane. Secondary Goat Anti-Rabbit IgG, (H+L), Peroxidase conjugated at 1/10000 dilution. Predicted band size : 83 kDa Blocking/Dilution buffer: 5 % NFDM/TBST.