

Datasheet for ABIN6261883
anti-GARS antibody (C-Term)[Go to Product page](#)

4 Images

Overview

Quantity:	100 µL
Target:	GARS
Binding Specificity:	C-Term
Reactivity:	Human, Mouse, Rat
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This GARS antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (IHC), ELISA

Product Details

Immunogen:	A synthesized peptide derived from human GARS, corresponding to a region within C-terminal amino acids.
Isotype:	IgG
Specificity:	GARS Antibody detects endogenous levels of total GARS.
Predicted Reactivity:	Pig,Zebrafish,Bovine,Sheep,Rabbit,Dog,Chicken,Xenopus
Purification:	The antiserum was purified by peptide affinity chromatography using SulfoLink™ Coupling Resin (Thermo Fisher Scientific).

Target Details

Target:	GARS
---------	------

Target Details

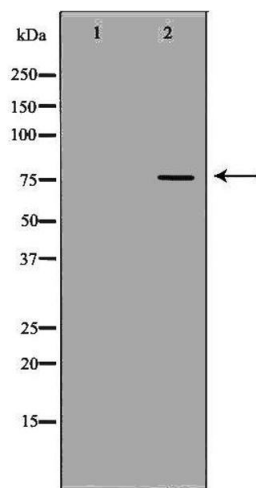
Alternative Name:	GARS (GARS Products)
Background:	Description: Catalyzes the ligation of glycine to the 3'-end of its cognate tRNA. Also produces diadenosine tetraphosphate (Ap4A), a universal pleiotropic signaling molecule needed for cell regulation pathways, by direct condensation of 2 ATPs. Gene: GARS
Molecular Weight:	75kDa
Gene ID:	2617
UniProt:	P41250
Pathways:	Ribonucleoside Biosynthetic Process

Application Details

Application Notes:	WB 1:500-1:2000, IHC 1:50-1:200, ELISA(peptide) 1:20000-1:40000
Restrictions:	For Research Use only

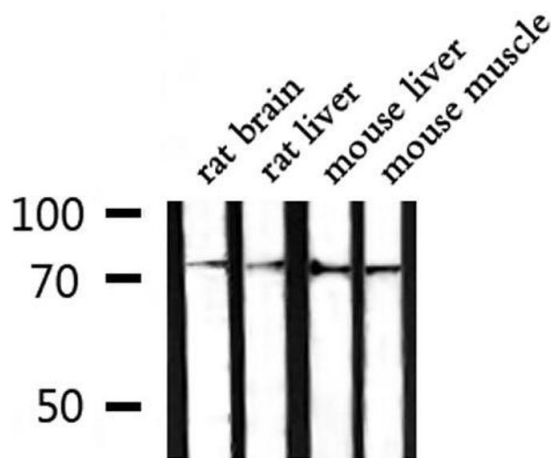
Handling

Format:	Liquid
Concentration:	1 mg/mL
Buffer:	Rabbit IgG in phosphate buffered saline , pH 7.4, 150 mM NaCl, 0.02 % sodium azide and 50 % glycerol.
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. Stable for 12 months from date of receipt.
Expiry Date:	12 months



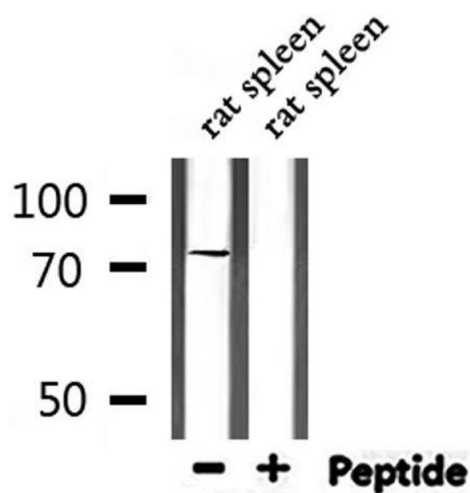
Western Blotting

Image 1. Western blot analysis of HEK293 cell lysate, using GARS Antibody. The lane on the left is treated with the antigen-specific peptide.



Western Blotting

Image 2. Western blot analysis of extracts from rat brain, rat liver, mouse liver, mouse muscle, using GARS Antibody.



Western Blotting

Image 3. Western blot analysis of extracts from rat spleen, using GARS Antibody.

Please check the [product details page](#) for more images. Overall 4 images are available for ABIN6261883.