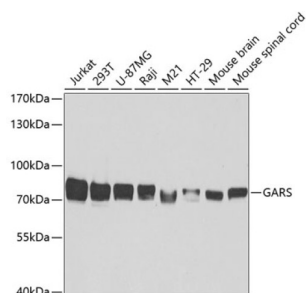
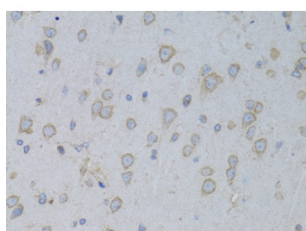


Glycyl-tRNA Synthetase (GARS1) Antibody

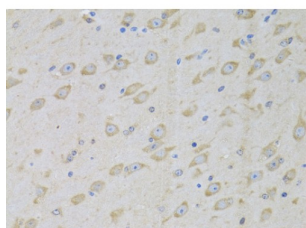
Catalogue No.: abx004161



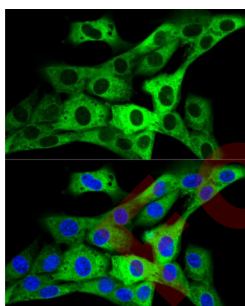
Western blot analysis of extracts of various cell lines using GARS Antibody (1/50 dilution)00.



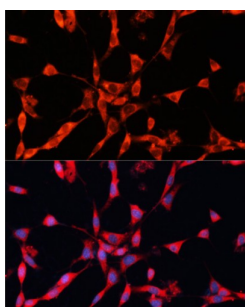
Immunohistochemistry of paraffin-embedded Rat brain using GARS Antibody (1/100 dilution, 40x lens).



Immunohistochemistry of paraffin-embedded Mouse brain using GARS Antibody (1/100 dilution, 40x lens).



Confocal immunofluorescence analysis of NIH-3T3 cells using GARS Antibody (1/200 dilution). Blue: DAPI for nuclear staining.



Immunofluorescence analysis of NIH/3T3 cells using GARS Antibody (1/100 dilution). Blue: DAPI for nuclear staining.

Glycyl-tRNA Synthetase (GARS1) Antibody is a Rabbit Polyclonal antibody against Glycyl-tRNA Synthetase (GARS1). 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.

Target:	Glycyl-tRNA Synthetase (GARS1)
Clonality:	Polyclonal
Reactivity:	Human, Mouse, Rat
Tested Applications:	WB, IHC, IF/ICC
Host:	Rabbit
Recommended dilutions:	WB: 1/1000 - 1/4000, IHC-P: 1/50 - 1/200, IF/ICC: 1/50 - 1/200. Not tested in IHC-F. Optimal dilutions/concentrations should be determined by the end user.
Conjugation:	Unconjugated
Immunogen:	Recombinant fusion protein corresponding to human GARS
Isotype:	IgG
Form:	Liquid
Purification:	Purified by affinity chromatography.
Storage:	Aliquot and store at -20°C. Avoid repeated freeze/thaw cycles.
UniProt Primary AC:	P41250 (UniProt , ExPASy)
Gene Symbol:	GARS1
GeneID:	2617
NCBI Accession:	NP_002038.2
KEGG:	hsa:2617
String:	9606.ENSP00000373918
Molecular Weight:	Calculated MW: 83 kDa Observed MW: 83 kDa
Buffer:	PBS, pH 7.3, containing 0.02% sodium azide, 50% glycerol.

Datasheet

Version: 3.0.0

Revision date: 31 May 2025



Concentration: 1 mg/ml

Note: THIS PRODUCT IS FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC, THERAPEUTIC OR COSMETIC PROCEDURES. NOT FOR HUMAN OR ANIMAL CONSUMPTION.

For Reference Only