

GARS Antibody

Catalog No: #32847

Orders: order@signalwayantibody.comSupport: tech@signalwayantibody.com

Description

Product Name	GARS Antibody
Host Species	Rabbit
Clonality	Polyclonal
Purification	Antibodies were purified by affinity purification using immunogen.
Applications	WB IHC IF
Species Reactivity	Hu
Specificity	The antibody detects endogenous level of total GARS protein.
Immunogen Type	Recombinant Protein
Immunogen Description	Recombinant protein of human GARS.
Target Name	GARS
Other Names	HMN5; CMT2D; DSMAV; GlyRS; SMAD1
Accession No.	Swiss-Prot:P41250NCBI Gene ID:2617
SDS-PAGE MW	75KD
Concentration	1.0mg/ml
Formulation	Supplied at 1.0mg/mL in phosphate buffered saline (without Mg ²⁺ and Ca ²⁺), pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Storage	Store at -20°C

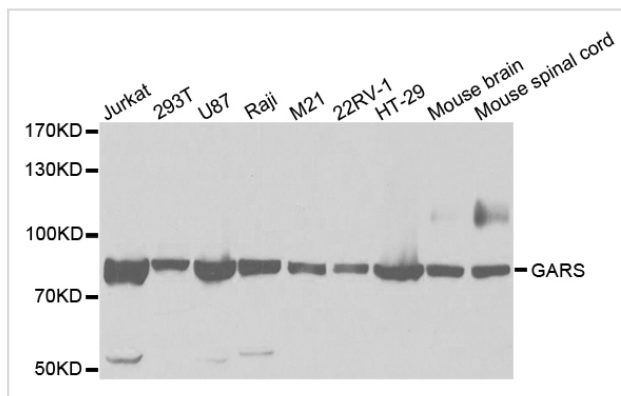
Application Details

Western blotting: 1:500 - 1:2000

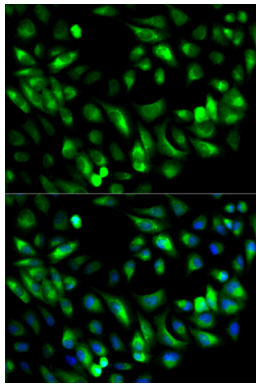
Immunohistochemistry: 1:50 - 1:200

Immunofluorescence: 1:50 - 1:200

Images



Western blot analysis of extracts of various cell lines, using RAD51 antibody.



Immunofluorescence analysis of MCF-7 cell using GARS antibody. Blue: DAPI for nuclear staining.

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.

Note: This product is for in vitro research use only and is not intended for use in humans or animals.