

GARS Antibody

Catalog No: #32847

Package Size: #32847-1 50ul #32847-2 100ul

Orders: order@signalwayantibody.com

Support: tech@signalwayantibody.com

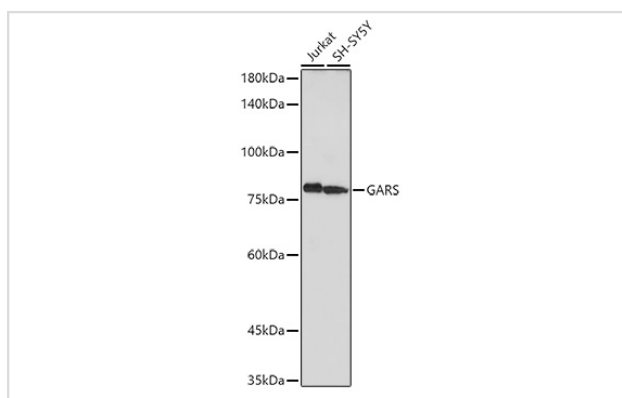
Description

Product Name	GARS Antibody
Host Species	Rabbit
Clonality	Polyclonal
Isotype	IgG
Purification	Affinity purification
Applications	WB,IHC,IF
Species Reactivity	Human,Mouse,Rat
Specificity	The antibody detects endogenous level of total GARS protein.
Immunogen Type	Recombinant Protein
Immunogen Description	Recombinant fusion protein of human GARS (NP_002038.2).
Target Name	GARS
Other Names	GARS;CMT2D;DSMAV;GlyRS;HMN5;SMAD1
Accession No.	Uniprot:P41250GeneID:2617
Uniprot	P41250
GeneID	2617
SDS-PAGE MW	76kDa
Concentration	1.0mg/ml
Formulation	PBS with 0.02% sodium azide,50% glycerol,pH7.3.
Storage	Store at -20°C. Avoid freeze / thaw cycles.

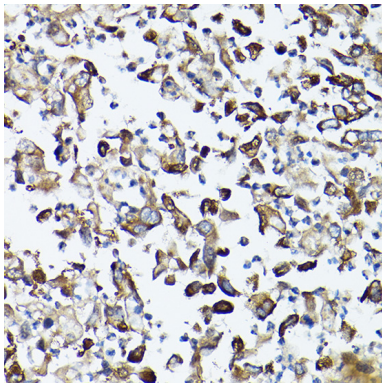
Application Details

WB □ 1:1000 - 1:4000 IHC □ 1:50 - 1:200 IF □ 1:50 - 1:200

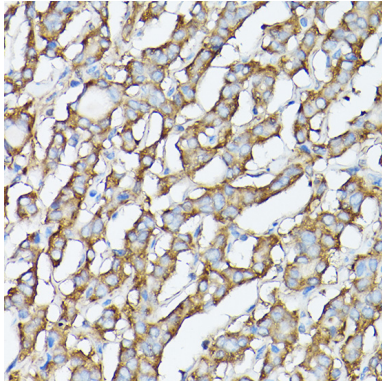
Images



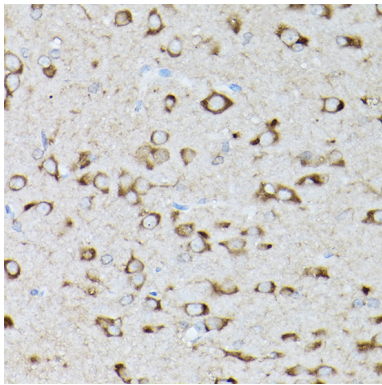
Western blot analysis of extracts of various cell lines, using GARS antibody.



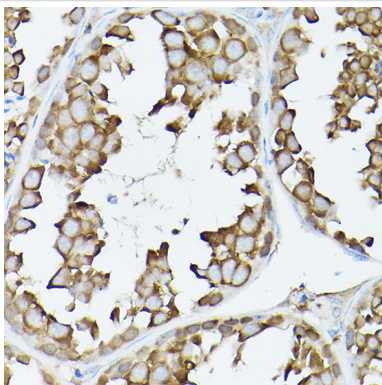
Immunohistochemistry of paraffin-embedded human lung cancer using GARS Rabbit pAb.



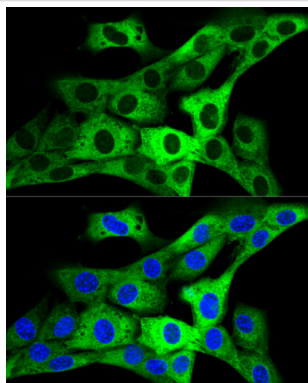
Immunohistochemistry of paraffin-embedded human thyroid cancer using GARS Rabbit pAb.



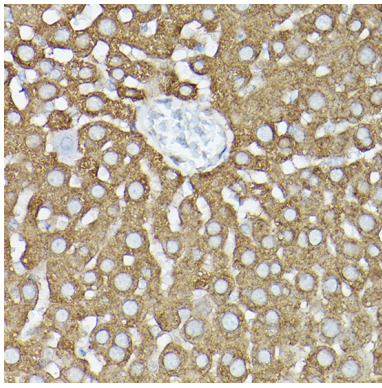
Immunohistochemistry of paraffin-embedded rat brain using GARS Rabbit pAb.



Immunohistochemistry of paraffin-embedded rat testis using GARS Rabbit pAb.



Confocal immunofluorescence analysis of NIH-3T3 cells using GARS Polyclonal Antibody.



Immunohistochemistry of paraffin-embedded mouse liver using GARS Rabbit pAb.

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

Note: This product is for in vitro research use only