

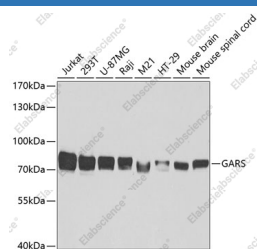
(KO Validated) GARS Polyclonal Antibody

catalog number: E-AB-60963

Note: Centrifuge before opening to ensure complete recovery of vial contents.

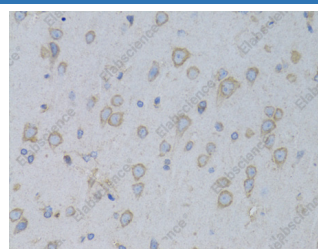
Description	
Reactivity	Human;Mouse;Rat
Immunogen	Recombinant fusion protein of human GARS (NP_002038.2).
Host	Rabbit
Isotype	Rabbit IgG
Purification	Affinity purification
Buffer	Phosphate buffered solution, pH 7.4, containing 0.05% stabilizer and 50% glycerol.
Applications	
WB	1:1000-1:4000
IHC	1:50-1:200
IF	1:50-1:200

Data

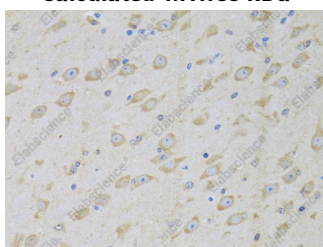


Western blot analysis of extracts of various cell lines using GARS Polyclonal Antibody at dilution of 1:5000.

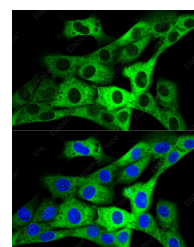
Observed-MW:83 kDa
Calculated-MW:83 kDa



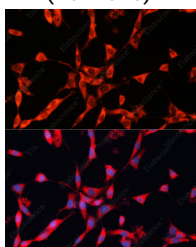
Immunohistochemistry of paraffin-embedded Rat brain using GARS Polyclonal Antibody at dilution of 1:100 (40x lens).



Immunohistochemistry of paraffin-embedded Mouse brain using GARS Polyclonal Antibody at dilution of 1:100 (40x lens).



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



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

For Research Use Only

Toll-free: 1-888-852-8623
Web: www.elabscience.com

Tel: 1-832-243-6086
Email: techsupport@elabscience.com

Fax: 1-832-243-6017

Rev. V1.8

Preparation & Storage

Storage

Store at -20°C Valid for 12 months. Avoid freeze / thaw cycles.

Shipping

The product is shipped with ice pack, upon receipt, store it immediately at the temperature recommended.

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.

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