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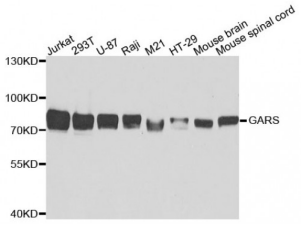
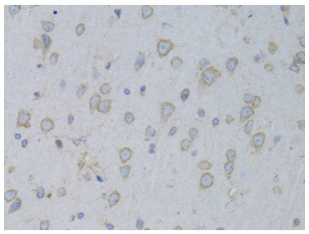
DATASHEET

Glycyl-tRNA Synthetase (GARS) Antibody

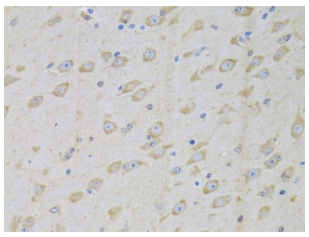
Catalogue No.:abx004161



Western blot analysis of extracts of various cell lines, using GARS antibody (abx004161) at 1/5000 dilution.



Immunohistochemistry of paraffin-embedded rat brain using GARS antibody (abx004161) at dilution of 1/100 (40x lens).



Immunohistochemistry of paraffin-embedded mouse brain using GARS antibody (abx004161) at dilution of 1/100 (40x lens).

GARS Antibody is a Rabbit Polyclonal antibody against GARS. 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:	GARS
Reactivity:	Human, Mouse, Rat
Host:	Rabbit
Clonality:	Polyclonal
Tested Applications:	WB, IHC

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Recommended dilutions: WB: 1/1000 - 1/4000, IHC: 1/50 - 1/200. Optimal dilutions/concentrations should be determined by the end user.

Immunogen: Recombinant protein of human GARS.

Purification: Affinity purified.

Form: Liquid

Isotype: IgG

Conjugation: Unconjugated

Storage: Aliquot and store at -20 °C. Avoid repeated freeze/thaw cycles.

Molecular Weight: Calculated MW: 83 kDa
Observed MW: 83 kDa

Swiss Prot: P41250

GeneID: 2617

Gene Symbol: GARS

Concentration: > 1 mg/ml

Buffer: PBS, pH 7.3, 0.02% sodium azide, 50% glycerol.

Note: This product is for research use only.