

GARS

Reactivity:Human Mouse Rat

Tested applications:WB IHC IF

Recommended Dilution:WB 1:1000 - 1:4000 IHC 1:50 - 1:200 IF 1:50 - 1:200

Calculated MW:75kDa

Observed MW:Refer to Figures

Immunogen:

Recombinant protein of human GARS

Storage Buffer:

Store at -20. Avoid freeze / thaw cycles. Buffer: PBS with 0.02% sodium azide, 50% glycerol, pH7.3.

Concentration:

h

Synonym:

HMN5; CMT2D; DSMAV; GlyRS; SMAD1

Catalog #:A5435

Antibody Type:

Polyclonal Antibody

Species:Rabbit

Gene ID:2617

Isotype:IgG

Swiss Prot:P41250

Purity:Affinity purification

For research use only.

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.

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