

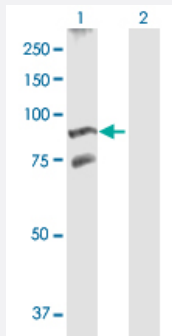
MaxPab®

GARS MaxPab rabbit polyclonal antibody (D01)

Catalog # H00002617-D01

Size 100 uL

Applications

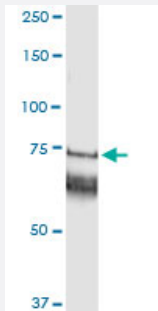


Western Blot (Transfected lysate)

Western Blot analysis of GARS expression in transfected 293T cell line ([H00002617-T01](#)) by GARS MaxPab polyclonal antibody.

Lane 1: GARS transfected lysate(77.5 KDa).

Lane 2: Non-transfected lysate.



Immunoprecipitation

Immunoprecipitation of GARS transfected lysate using anti-GARS MaxPab rabbit polyclonal antibody and Protein A Magnetic Bead, and immunoblotted with GARS purified MaxPab mouse polyclonal antibody (B01P) ([H00002617-B01P](#)).

Specification

Product Description

Rabbit polyclonal antibody raised against a full-length human GARS protein.

Immunogen

GARS (ENSP00000373918, 1 a.a. ~ 685 a.a) full-length human protein.

Sequence

MDGAGAEVVLAPLRLAVRQQGDLVRKLKEDKAPQVDVDKAVAEKARKRVLEAKELALQPKDD
MDRAKMEDTLKRRFFYDQAFAYGGVSGLYDFGPVGCALKNNIIQWTRQHFIIQEEQILEIDCTMLTP
EPVLKTSGHVDKFADFMVKDVKNCECFRADHLLKAHLQKLMSDKKCSVEKKSEMESVLAQLDN
YQQELADLFVNYNVKSPITGNDLSPVVSFNLMFKTFIGPGGNMPGYLRPETAQGIFLNFKRLLEF
NQGKLPFAAAQIGNSFRNEISPRSGLRVREFDMAEIEHFVDPSEKDHPKFQNVADLHLLYLSAKA
QVSGQSARKMRLGDAVEQGVINNTVLGYFIGRMLYLTKVGISPDKLRFRQHMENEMAHYACDCW
DAESKTSYGWIEIVGCADRSCYDLSCARATKVPLVAEKPLKEPKTVNVVQFEPSSKGAIGKAYKK
DAKLVMLEYLAICDECYTEMEMLLNEKGFTIETEGKTFQLTKDMINVKRFQKTLVEEVVPPNVIEPS
FGLGRIMYTVFEHTFHVREGDEQRTFFSFPVAVPAPFKCSVLPLSQNQEFMPFVKELSEALTRHGV
SHKVDDSSGSIGRRYARTDEIGVAFGVTIDFDTVNKTPTHATLRDRDSMRQIRAEISELPSIVQDLA
NGNITWADVEARYPLFEGQETGKKETIEE

Host

Rabbit

Reactivity

Human

Quality Control Testing

Antibody reactive against mammalian transfected lysate.

Storage Buffer

No additive

Storage Instruction

Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

Applications

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[Protocol Download](#)

- Immunoprecipitation

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[Protocol Download](#)

Gene Info — GARS

Entrez GeneID

[2617](#)

GeneBank Accession#

[ENST00000389266](#)

Protein Accession#

[ENSP00000373918](#)

Gene Name	GARS
Gene Alias	CMT2D, DSMAV, GlyRS, HMN5, SMAD1
Gene Description	glycyl-tRNA synthetase
Omim ID	600287 600794 601472
Gene Ontology	Hyperlink
Gene Summary	This gene encodes glycyl-tRNA synthetase, one of the aminoacyl-tRNA synthetases that charge t RNAs 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. [provided by RefSeq]
Other Designations	Charcot-Marie-Tooth neuropathy 2D Charcot-Marie-Tooth neuropathy, neuronal type, D glycine tRNA ligase

Pathway

- [Aminoacyl-tRNA biosynthesis](#)

Disease

- [Charcot-Marie-Tooth Disease](#)
- [Kidney Failure](#)