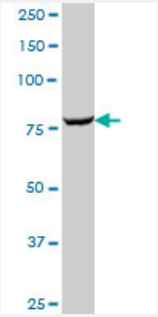
MaxPab®

GARS purified MaxPab mouse polyclonal antibody (B01P)

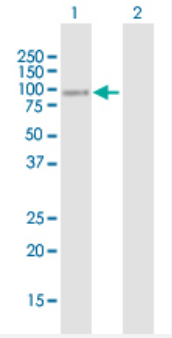
Catalog # H00002617-B01P Size 50 ug

Applications



Western Blot (Tissue lysate)

GARS MaxPab polyclonal antibody. Western Blot analysis of GARS expression in human placenta.



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(75.35 KDa).
Lane 2: Non-transfected lysate.

Specification

Product Description	Mouse polyclonal antibody raised against a full-length human GARS protein.
Immunogen	GARS (ENSP00000373918, 1 a.a. ~ 685 a.a) full-length human protein.

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Sequence	MDGAGAEEVLAPLRLAVRQQGDLVRKLKEDKAPQVDVDKAVAELKARKRVLEAKELALQPKDD IVDRAKMEDTLKRRFFYDQAFAIYGGVSGLYDFGPVGCALKNNIIQTWRQHFIQEEQILEIDCTMLTP EPVLKTSGHVDKFADFMVKDVKNGECFRADHLLKAHLQKLMSDKKCSVEKKSEMESVLAQLDN YGQQELADLFVNYNVKSPITGNDLSPPVSFNLMFKTFIGPGGNMPGYLRPETAQGIFLNFKRLLEF NQGKLPFAAAQIGNSFRNEISPRSGLIRVREFTMAEIEHFVDPSEKDHPKFQNVADLHLYLYSAKA QVSGQSARKMRLGDAVEQGVINNTVLGYFIGRIYLYLTKVGISPDKLRFRQHMENEMAHYACDCW DAESKTSYGWIEIVGCADRSCYDLSCHARATKVPLVAEKPLKEPKTVNVVQFEPSKGAIGKAYKK DAKLVMEYLAICDECYITEMEMLLNEKGEFTIETEGKTFQLTKDMINVKRFQKTLYVEEVVPNVIEPS FGLGRIMYTVFEHTFHVREGDEQRTFFSFPAVVAPFKCSVLPLSQNQEFMPFVKELSEALTRHGV SHKVDDSSGSIGRRYARTDEIGVAFGVTIDFDTVNKTPHTATLRDRDSMRQIRAEISELPSIVQDLA NGNITWADVEARYPLFEGQETGKKETIEE
Host	Mouse
Reactivity	Human
Quality Control Testing	Antibody reactive against mammalian transfected lysate.
Storage Buffer	In 1x PBS, pH 7.4
Storage Instruction	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

Applications

- Western Blot (Tissue lysate)

  GARS MaxPab polyclonal antibody. Western Blot analysis of GARS expression in human placenta.

  Protocol Download

- 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(75.35 KDa).
  Lane 2: Non-transfected lysate.

  Protocol Download

Gene Info — GARS

Entrez GeneID	2617
GeneBank Accession#	NM_002047.1
Protein Accession#	ENSP00000373918

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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 t o 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 tR NA ligase

Pathway

- Aminoacyl-tRNA biosynthesis

Disease

- Charcot-Marie-Tooth Disease
- Kidney Failure

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