

Product datasheet for **TA369960**

GARS1 Rabbit Polyclonal Antibody

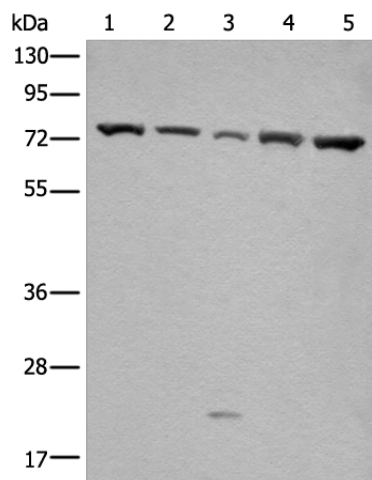
Product data:

Product Type:	Primary Antibodies
Applications:	WB
Recommended Dilution:	WB: 500-2000 WB positive control: Hela and A431 cell, Mouse brain tissue, HT-29 and Jurkat cell lysates
Reactivity:	Human, Mouse, Rat
Host:	Rabbit
Isotype:	IgG
Clonality:	Polyclonal
Immunogen:	Fusion protein of human GARS1
Formulation:	pH7.4 PBS, 0.05% NaN ₃ , 40% Glycerol
Concentration:	lot specific
Purification:	Antigen affinity purification
Conjugation:	Unconjugated
Storage:	Store at -20°C.
Stability:	1 year
Predicted Protein Size:	83 kDa
Gene Name:	glycyl-tRNA synthetase
Database Link:	Entrez Gene 2617 Human P41250
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. [provided by RefSeq, Oct 2015]
Synonyms:	CMT2D; DSMAV; GlyRS; HMN5; SMAD1



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Product images:



Gel: 8%SDS-PAGE

Lysate: 40 μ g

Lane 1-5: HeLa and A431 cell
Mouse brain tissue
HT-29 and Jurkat cell lysates

Primary antibody: TA369960 (GARS1 Antibody) at
dilution 1/540

Secondary antibody: Goat anti rabbit IgG at
1/8000 dilution

Exposure time: 60 seconds