

Anti-GARS antibody

Cat. No.	ml124523
Package	25 µl/100 µl/200 µl
Storage	-20°C, pH7.4 PBS, 0.05% NaN ₃ , 40% Glycerol

Product overview

Description	Anti-GARS rabbit polyclonal antibody
Applications	ELISA, WB, IHC
Immunogen	Fusion protein of human GARS
Reactivity	Human, Mouse, Rat
Content	0.3 mg/ml
Host species	Rabbit
Ig class	Immunogen-specific rabbit IgG
Purification	Antigen affinity purification

Target information

Symbol	GARS
Full name	glycyl-tRNA synthetase
Synonyms	HMN5; CMT2D; DSMAV; GlyRS; SMAD1
Swissprot	P41250

Target 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.

订购热线: 4008-898-798

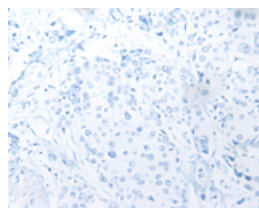
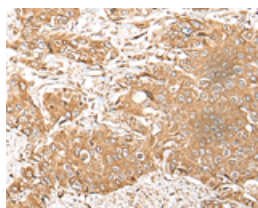
Applications

Immunohistochemistry

Predicted cell location: Cytoplasm

Positive control: Human prostate cancer

Recommended dilution: 50-300

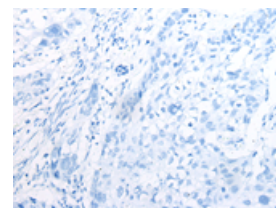
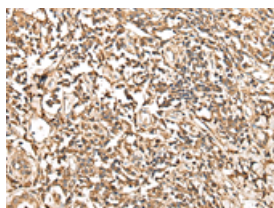


The image on the left is immunohistochemistry of paraffin-embedded Human prostate cancer tissue using ml124523(GARS Antibody) at dilution 1/60, on the right is treated with fusion protein. (Original magnification: $\times 200$)

Predicted cell location: Cytoplasm

Positive control: Human lung cancer

Recommended dilution: 50-300



The image on the left is immunohistochemistry of paraffin-embedded Human lung cancer tissue using ml124523(GARS Antibody) at dilution 1/60, on the right is treated with fusion protein. (Original magnification: $\times 200$)

Western blotting

Predicted band size: 83 kDa

Positive control: 293T, Jurkat, Raji and HT-29 cell, Mouse brain tissue, A431 and Hela cell lysates

Recommended dilution: 500-2000

Gel: 8% SDS-PAGE

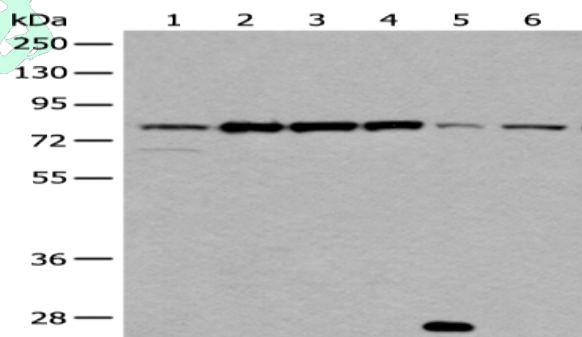
Lysate: 40 μ g

Lane 1-7: 293T, Jurkat, Raji and HT-29 cell, Mouse brain tissue, A431 and Hela cell lysates

Primary antibody: ml124523(GARS Antibody) at dilution 1/800

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

Exposure time: 60 seconds



ELISA

Recommended dilution: 5000-10000

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