

Anti-GARS1 Antibody (5T355)

Product Details

Ig Type:	IgG
Reactivity:	Human,Mouse,Rat
Conjugation:	Unconjugated
Clone:	5T355
Purification:	Affinity-chromatography

Applications

Verified Activity:	Western blot analysis of GARS expression in (1) Jurkat cell lysate; (2) 293T cell lysate.
Application:	IHC,WB
Recommended	IHC: 1:100-1:200; WB: 1:1000-1:2000

Properties

Stability & Storage:	Store at -20°C or -80°C for 12 months. Avoid repeated freeze-thaw cycles.
Shipping:	Shipping with blue ice.

Antigen Details

Immunogen:	A synthesized peptide: human GARS1
Synonyms:	DSMAV;GlyRS;CMT2D;HMN5;SMAD1

Research 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.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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