Rabbit anti-Human GARS Polyclonal Antibody | anti-GARS antibody

GARS Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA305406	**Rabbit**	**Human**	**Immunofluorescence, Immunohistochemistry, Western Blot**

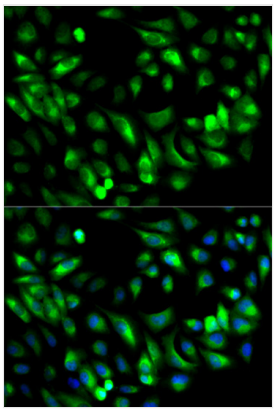
PRODUCT SYNONYMS

GARS; Polyclonal Antibody; GARS Antibody; HMN5; CMT2D; DSMAV; GlyRS; SMAD1; anti-GARS antibody

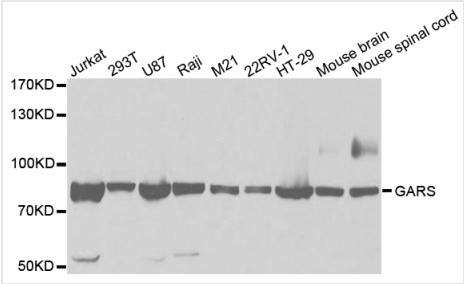
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Specificity	The antibody detects endogenous level of total GARS protein.
Purity/Purification	Antibodies were purified by affinity purification using immunogen.
Form/Format	Supplied at 1.0mg/mL in phosphate buffered saline (without Mg2+ and Ca2+), pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Concentration	1.0 mg/ml (varies by lot)
Sequence Length	739
Applicable Applications for anti-GARS antibody	IF (Immunofluorescence), IHC (Immunohistochemistry), WB (Western Blot)
Immunogen Type	Recombinant Protein
Immunogen Description	Recombinant protein of human GARS.
Target Name	GARS
Preparation and Storage	Store at -20 degree C

IMAGES



IF (Immunofluorescence)
Immunofluorescence analysis of MCF-7 cell using GARS antibody. Blue: DAPI for nuclear staining.



WB (Western Blot)
Western blot analysis of extracts of various cell lines, using RAD51 antibody.

ADDITIONAL INFORMATION

Related Product Information for anti-GARS antibody	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.
Product Categories/Family for anti-GARS antibody	Total protein Ab

NCBI AND UNIPROT INFORMATION

NCBI GI #	116805340
NCBI GeneID	2617
NCBI Accession #	NP_002038.2
NCBI GenBank Nucleotide #	NM_002047.2
UniProt Accession #	P41250; Q969Y1; B3KQA2; B4DIA0
Molecular Weight	83,166 Da
NCBI Official Full Name	glycine--tRNA ligase
NCBI Official Synonym Full Names	glycyl-tRNA synthetase
NCBI Official Symbol	GARS
NCBI Official Synonym Symbols	HMN5; CMT2D; DSMAV; GlyRS; SMAD1
NCBI Protein Information	glycine--tRNA ligase
UniProt Protein Name	Glycine--tRNA ligase
UniProt Gene Name	**GARS**
UniProt Synonym Gene Names	AP-4-A synthetase; GlyRS
UniProt Entry Name	SYG_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: https://www.aaabiotech.com/polyclonal/gars-antibody-immunofluorescence-immunohistochemistry-western-blot-elisa/305406