Rabbit Glutaminyl tRNA Synthetase Polyclonal Antibody | anti-QARS antibody

Polyclonal Antibody to Glutaminyl tRNA Synthetase (QARS)

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA145598	**Rabbit**	**Rat, Human, Mouse**	**ELISA, Immunohistochemistry, Immunocytochemistry, Western Blot**

PRODUCT SYNONYMS

Glutaminyl tRNA Synthetase; Polyclonal Antibody; Polyclonal Antibody to Glutaminyl tRNA Synthetase (QARS); GLNRS; Glutamine tRNA Ligase; anti-QARS antibody

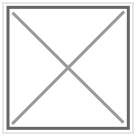
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Rat, Human, Mouse
Clonality	Polyclonal
Specificity	The antibody is a rabbit polyclonal antibody raised against QARS. It has been selected for its ability to recognize QARS in immunohistochemical staining and western blotting.
Purity/Purification	Affinity Chromatography
Form/Format	Supplied as solution form in PBS, pH7.4, Containing 0.02% NaN3, 50% glycerol.
Concentration	500ug/mL (varies by lot)
Sequence Length	697
Applicable Applications for anti-QARS antibody	ELISA, IHC (Immunohistochemistry), ICC (Immunocytochemistry), WB (Western Blot)
Fragment	QARS (Ala2~Asp206)
Conjugate	No Conjugate
Cross Reactivity	Human, Rat
Immunoglobulin Type	IgG
Quality Control	Content: The quality control contains recombinant QARS (Ala2~Asp206) disposed in loading buffer. Usage: 10uL per well when 3,3'-Diaminobenzidine(DAB) as the substrate. 5uL per well when used in enhanced chemilumescent (ECL). Note: The quality control is specifically manufactured as the positive control. Not used for other purposes. Loading Buffer: 100mM Tris(pH8.8), 2% SDS, 200mM NaCl, 50% glycerol,BPB 0.01%, NaN3 0.02%.
Conjugated Antibody	The APC conjugated antibody version of this item is also available as
Preparation and Storage	Store at 4 degree C for frequent use. Stored at -20 degree C in a manual defrost freezer for one year without detectable loss of activity. Avoid repeated freeze-thaw cycles.

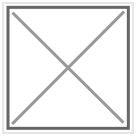
IMAGES

IHC (Immunohistochemistry)
DAB staining on IHC-P; Samples: Rat Kidney Tissue

IHC (Immunohistochemisry)
DAB staining on fromalin fixed paraffin- embedded stomach tissue



WB (Western Blot)
Western Blot: Sample: Recombinant protein.



WB (Western Blot)
Western Blot: Sample: Rat Liver lysate; Primary Ab: 1ug/ml Rabbit Anti-Rat QARS Antibody Second Ab: 0.2ug/mL HRP-Linked Caprine Anti-Rabbit IgG Polyclonal Antibody

NCBI AND UNIPROT INFORMATION

NCBI GI #	56090285
NCBI GeneID	290868
NCBI Accession #	NP_001007625.1
NCBI GenBank Nucleotide #	NM_001007624.1
UniProt Accession #	Q66H61; F1LPA0
Molecular Weight	87,700 Da
NCBI Official Full Name	glutamine--tRNA ligase
NCBI Official Synonym Full Names	glutaminyl-tRNA synthetase
NCBI Official Symbol	Qars
NCBI Official Synonym Symbols	GlnRS; RGD1562301
NCBI Protein Information	glutamine--tRNA ligase
UniProt Protein Name	Glutamine--tRNA ligase
UniProt Gene Name	**Qars**
UniProt Synonym Gene Names	GlnRS

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.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com
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