

Rabbit anti-Human Glutamine-tRNA ligase Polyclonal Antibody | anti-QARS antibody

Rabbit anti-human Glutamine-tRNA ligase polyclonal Antibody(QARS)

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA118358	Rabbit	Human	Immunoprecipitation, Immunohistochemistry, Western Blot, ELISA

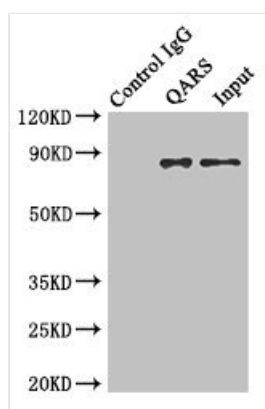
PRODUCT SYNONYMS

Glutamine-tRNA ligase; Polyclonal Antibody; Rabbit anti-human Glutamine-tRNA ligase polyclonal Antibody(QARS); GlutaminyI-tRNA synthetase; GlnRS; QARS; anti-QARS antibody

PRODUCT SPECIFICATIONS

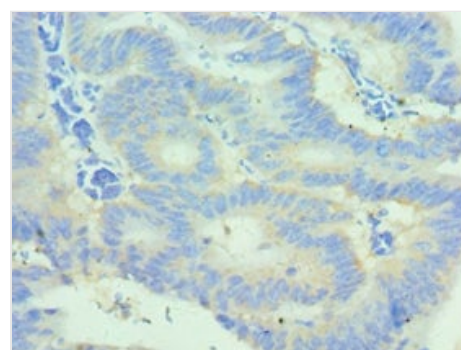
Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	Antigen Affinity Purified
Sequence Length	764
Applicable Applications for anti-QARS antibody	IP (Immunoprecipitation), IHC (Immunohistochemistry), WB (Western Blot), ELISA
Storage Buffer	PBS with 0.02% sodium azide, 50% glycerol, pH7.3.
Conjugate	Non-conjugated
Immunogen	Recombinant human Glutamine--tRNA ligase protein (1-250aa)
Santa Cruz Alternative	Potential replacement for Santa Cruz Biotechnology antibody catalog# sc-74714 / sc-98542
Preparation and Storage	Shipped at 4 degree C. Upon delivery aliquot and store at -20 degree C or -80 degree C. Avoid repeated freeze.

IMAGES



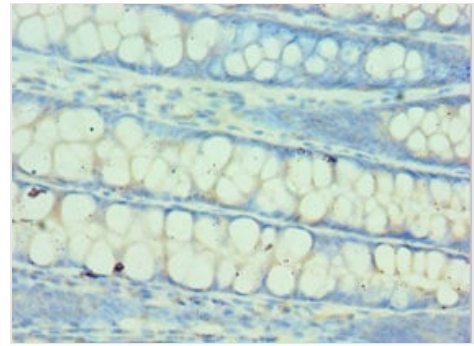
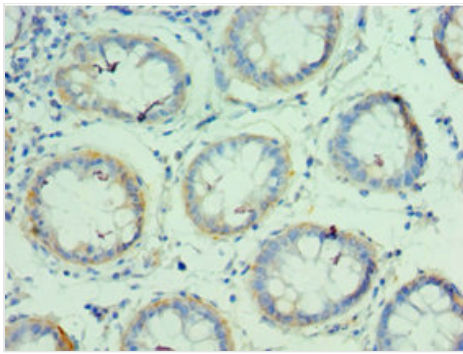
IP (Immunoprecipitation)

Immunoprecipitating QARS in HeLa whole cell lysate. Lane 1: Rabbit monoclonal IgG(1ug) instead of AAA118358 in HeLa whole cell lysate. For western blotting, a HRP-conjugated anti-rabbit IgG, specific to the non-reduced form of IgG was used as the Secondary antibody (1/50000). Lane 2: AAA118358(4ug)+ HeLa whole cell lysate(500ug). Lane 3: HeLa whole cell lysate (20ug)



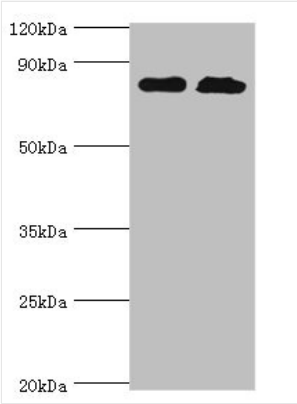
IHC (Immunohistochemistry)

Immunohistochemistry of paraffin-embedded human colon cancer using AAA118358 at dilution 1:100



IHC (Immunohistochemisry)
 Immunohistochemistry of paraffin-embedded human rectal cancer using AAA118358 at dilution 1:100

IHC (Immunohiostchemistry)
 Immunohistochemistry of paraffin-embedded human rectum using AAA118358 at dilution 1:100



WB (Western Blot)
 All lanes: Glutamine--tRNA ligase antibody at 2ug/ml
 Lane 1:PC-3 whole cell lysate
 Lane 2:Hela whole cell lysate
 SecondaryGoat polyclonal to rabbit at 1/10000 dilution
 Predicted band size: 88,87 kDa
 Observed band size: 88 kDa

ADDITIONAL INFORMATION

Related Product Information for anti-QARS antibody	Plays a critical role in brain development.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	441478305
NCBI GeneID	5859
NCBI Accession #	NP_001259002.1
NCBI GenBank Nucleotide #	NM_001272073.1
UniProt Accession #	P47897; B4DWJ2
Molecular Weight	86,579 Da
NCBI Official Full Name	glutamine--tRNA ligase isoform b
NCBI Official Synonym Full Names	glutaminyl-tRNA synthetase
NCBI Official Symbol	QARS
NCBI Official Synonym Symbols	GLNRS; MSCCA; PRO2195
NCBI Protein Information	glutamine--tRNA ligase
UniProt Protein Name	Glutamine--tRNA ligase

UniProt Gene Name	QARS
UniProt Synonym Gene Names	GlnRS
UniProt Entry Name	SYQ_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://stage.aaabiotech.com/polyclonal/glutamine-trna-ligase-antibody-immunoprecipitation-immunohistochemistry-western-blot-elisa/118358>