

Rabbit Glutamine Synthetase/GLUL Polyclonal Antibody | anti-GLUL antibody

Anti-Glutamine Synthetase/GLUL Antibody, Rabbit Polyclonal

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA254310	Rabbit	HumanPredicted to React with: Mouse, Rat (Species predicted to react based on 100% sequence homology)	Immunoprecipitation, Immunohistochemistry, Western Blot

PRODUCT SYNONYMS

Glutamine Synthetase/GLUL; Polyclonal Antibody; Anti-Glutamine Synthetase/GLUL Antibody; Rabbit Polyclonal; GLUL Antibody; Rabbit PAb; Antigen Affinity Purified; glutamate-ammonia ligase; Anti-GLNS Antibody; Anti-GS Antibody; Anti-PIG43 Antibody; Anti-PIG59 Antibody; anti-GLUL antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human Predicted to React with: Mouse, Rat (Species predicted to react based on 100% sequence homology)
Clonality	Polyclonal
Isotype	Rabbit IgG
Specificity	Human Glutamine Synthetase/GLUL
Purity/Purification	Protein A & Antigen Affinity
Form/Format	Liquid; 0.2um filtered solution in PBS
Applicable Applications for anti-GLUL antibody	IP (Immunoprecipitation), IHC (Immunohistochemistry), WB (Western Blot)
Immunogen	A synthetic peptide corresponding to the C-terminus of the Human GLUL
Conjugation	Unconjugated
Preparation	Produced in rabbits immunized with a synthetic peptide corresponding to the C-terminus of the Human GLUL, and purified by antigen affinity chromatography.
Preparation and Storage	This antibody can be stored at 2-8 degree C for one month without detectable loss of activity. Antibody products are stable for twelve months from date of receipt when stored at -20 degree C to -80 degree C. Preservative-Free. Avoid repeated freeze-thaw cycles.

IMAGES



WB (Western Blot)

Anti-GLUL rabbit polyclonal antibody at 1:500 dilutionLane A: Jurkat Whole Cell LysateLysates/proteins at 30 ug per lane.SecondaryGoat Anti-Rabbit IgG H&L (Dylight800) at 1/10000 dilution.Developed using the Odyssey technique.Performed under reducing conditions.Predicted band size:42 kDaObserved band size:42 kDa



IP (Immunoprecipitation)

GLUL was immunoprecipitated using:Lane A:0.5 mg HepG2 Whole Cell LysateLane B:0.5 mg 293T Whole Cell Lysate2 uL anti-GLUL rabbit polyclonal antibody and 60 ug of Immunomagnetic beads Protein G.Primary antibody:Anti-GLUL rabbit polyclonal antibody,at 1:200 dilutionSecondary antibody:Dylight 800-labeled antibody to rabbit IgG (H+L), at 1:5000 dilutionDeveloped using the odssey technique.Performed under reducing conditions.Predicted band size: 42 kDaObserved band size: 42 kDa

**IHC (Immunohistochemistry)**

Immunochemical staining of human GLUL in human breast with rabbit polyclonal antibody (1:5000, formalin-fixed paraffin embedded sections).

**IHC (Immunohistochemistry)**

Immunochemical staining of human GLUL in human glioma with rabbit polyclonal antibody (1:5000, formalin-fixed paraffin embedded sections).

**IHC (Immunohistochemistry)**

Immunochemical staining of human GLUL in human tonsil with rabbit polyclonal antibody (1:5000, formalin-fixed paraffin embedded sections).

ADDITIONAL INFORMATION

Related Product Information for anti-GLUL antibody

Glutamate-ammonia ligase (GLUL) belongs to the glutamine synthetase family. GLUL was heterogeneously expressed in various breast cancer cells. GLUL may represent a novel target for selectively inhibiting p38 MAPK and ERK1/ERK2 signaling pathways and the proliferation potential of breast cancer cells.

NCBI AND UNIPROT INFORMATION

NCBI GI #	31982332
NCBI GeneID	14645
NCBI Accession #	NP_032157.2
NCBI GenBank Nucleotide #	NM_008131.4
UniProt Accession #	P15105; Q3TRK7; Q64432; Q91VC6
Molecular Weight	42,120 Da
NCBI Official Full Name	glutamine synthetase
NCBI Official Synonym Full Names	glutamate-ammonia ligase (glutamine synthetase)
NCBI Official Symbol	Glul
NCBI Official Synonym Symbols	GS; Glns
NCBI Protein Information	glutamine synthetase
UniProt Protein Name	Glutamine synthetase
UniProt Gene Name	Glul
UniProt Synonym Gene Names	Glns; GS

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

Online datasheet: <https://stage.aaabiotech.com/polyclonal/glutamine-synthetase-glul-antibody-immunoprecipitation-immunohistochemistry-western-blot-elisa/254310>