

Rabbit anti-Human, Mouse GLUL/Glutamine Synthetase Polyclonal Antibody | anti-GLUL antibody

Rabbit anti-GLUL/Glutamine Synthetase Antibody, Affinity Purified

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA213213	Rabbit	Human, Mouse	Immunoprecipitation, Western Blot

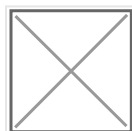
PRODUCT SYNONYMS

GLUL/Glutamine Synthetase; Polyclonal Antibody; Rabbit anti-GLUL/Glutamine Synthetase Antibody; Affinity Purified; GS; proliferation-inducing protein 43; PIG59; PIG43; GLNS; glutamine synthase; glutamate decarboxylase; cell proliferation-inducing protein 59; Glutamate--ammonia ligase; glutamine synthetase; Glutamine synthetase; glutamate-ammonia ligase; anti-GLUL antibody

PRODUCT SPECIFICATIONS

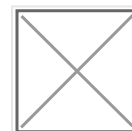
Host	Rabbit
Reactivity	Human, Mouse
Clonality	Polyclonal
Purity/Purification	Antigen Affinity Purified
Form/Format	Liquid. Whole IgG. Tris-citrate/phosphate buffer, pH 7 to 8 containing 0.09% Sodium Azide
Concentration	1000ug/ml (varies by lot)
Applicable Applications for anti-GLUL antibody	IP (Immunoprecipitation), WB (Western Blot)
Predicted Reactivity	Rat, Bovine, Dog, Pig
Immunogen	Between 323 and C-terminus
Conjugation	Unconjugated
Preparation and Storage	Store at 2-8 degree C Shelf Life: 1 year from date of receipt

IMAGES



WB (Western Blot)

Detection of human and mouse GLUL by western blot. Samples: Whole cell lysate (50 ug) from HeLa, HEK293T, Jurkat, mouse TCMK-1, and mouse NIH 3T3 cells prepared using NETN lysis buffer. Antibody: Affinity purified rabbit anti-GLUL antibody AAA213213 (lot AAA213213-1) used for WB at 0.1 ug/ml. Detection: Chemiluminescence with an exposure time of 10 seconds.



IP (Immunoprecipitation)

Detection of human GLUL by western blot of immunoprecipitates. Samples: Whole cell lysate (0.5 or 1.0 mg per IP reaction; 20% of IP loaded) from 293T cells prepared using NETN lysis buffer. Antibodies: Affinity purified rabbit anti-GLUL antibody AAA213213 (lot AAA213213-1) used for IP at 6 ug per reaction. GLUL was also immunoprecipitated by rabbit anti-GLUL antibody For blotting immunoprecipitated GLUL, AAA213213 was used at 0.4 ug/ml. Detection: Chemiluminescence with an exposure time of 10 seconds.

ADDITIONAL INFORMATION

Related Product Information for anti-GLUL antibody	GLUL/Glutamine Synthetase belongs to the glutamine synthetase family. It catalyzes the synthesis of glutamine from glutamate and ammonia in an ATP-dependent reaction. This protein plays a role in ammonia and glutamate detoxification, acid-base homeostasis, cell signaling, and cell proliferation [taken from NCBI Entrez Gene (Gene ID: 2752)].
Product Categories/Family for anti-GLUL antibody	Primary Antibodies

NCBI AND UNIPROT INFORMATION

NCBI GI #	19923206
NCBI GeneID	2752
NCBI Accession #	NP_002056.2
NCBI GenBank Nucleotide #	NM_002065.6
UniProt Accession #	P15104; Q499Y9; Q5T9Z1; Q7Z3W4; Q8IZ17
Molecular Weight	42,064 Da
NCBI Official Full Name	glutamine synthetase
NCBI Official Synonym Full Names	glutamate-ammonia ligase
NCBI Official Symbol	GLUL
NCBI Official Synonym Symbols	GS; GLNS; PIG43; PIG59
NCBI Protein Information	glutamine synthetase; glutamine synthase; glutamate decarboxylase; proliferation-inducing protein 43; cell proliferation-inducing protein 59
UniProt Protein Name	Glutamine synthetase
UniProt Gene Name	GLUL
UniProt Synonym Gene Names	GLNS; GS
UniProt Entry Name	GLNA_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/glul-glutamine-synthetase-antibody-immunoprecipitation-western-blot-elisa/213213>