

Immunotag™ Glutamine Synthetase Antibody

Antibody Specification	
Catalog No.	ITA7633
Product Description	Immunotag™ Glutamine Synthetase Antibody
Size	100 µg, 200 µg
Conjugation	HRP, Biotin, FITC, Alexa Fluor® 350, Alexa Fluor® 405, Alexa Fluor® 488, Alexa Fluor® 555, Alexa Fluor® 594, Alexa Fluor® 647
IMPORTANT NOTE	This product is custom manufactured with a lead time of 3-4 weeks. Once in production, this item cannot be cancelled from an order and is not eligible for return.
Target Protein	Glutamine Synthetase
Clonality	Polyclonal
Storage/Stability	-20°C/1 year
Application	WB,IHC,IF/ICC,ELISA
Recommended Dilution	WB 1:1000-3000 IHC 1:200 IF 1:100-500 ELISA(peptide) 1:20000-1:40000
Concentration	1 mg/ml
Reactive Species	Human,Mouse,Rat
Host Species	Rabbit
Immunogen	A synthesized peptide derived from human Glutamine Synthetase
Specificity	Glutamine Synthetase Antibody detects endogenous levels of total Glutamine Synthetase
Purification	The antiserum was purified by peptide affinity chromatography.
Form	Rabbit IgG in phosphate buffered saline , pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.Store at -20 °C.Stable for 12 months from date of receipt
Gene Name	GLUL
Accession No.	P15104
Alternate Names	cell proliferation-inducing protein 59; GLNA; GLNA_HUMAN; GLNS; GLUL; Glutamate ammonia ligase; Glutamate decarboxylase; Glutamate--ammonia ligase; glutamine synthase; Glutamine synthetase; GS; PIG 43; PIG 59; PIG43; PIG59; Proliferation inducing protein 43;

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Description	This enzyme has 2 functions: it catalyzes the production of glutamine and 4-aminobutanoate (gamma-aminobutyric acid, GABA), the latter in a pyridoxal phosphate-independent manner (By similarity). Essential for proliferation of fetal skin fibroblasts.
Cell Pathway/ Category	Primary Polyclonal Antibody
Protein MW	42 kDa
Usage	For Research Use Only! Not for diagnostic or therapeutic procedures.