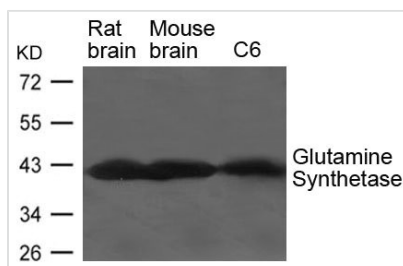


GLUL Antibody

Product Code	CSB-PA824698
Storage	Upon receipt, store at -20°C or -80°C. Avoid repeated freeze.
Uniprot No.	P15104
Immunogen	Peptide sequence around aa.365~369(G-D-E-P-F) derived from Human Glutamine Synthetase
Raised In	Rabbit
Species Reactivity	Human,Mouse,Rat
Specificity	The antibody detects endogenous levels of total Glutamine Synthetase protein.
Tested Applications	ELISA,WB;WB:1:500-1:1000
Relevance	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 . Essential for proliferation of fetal skin fibroblasts. "Glutamine synthetase isolated from human brain: octameric structure and homology of partial primary structure with human liver glutamine synthetase." Boksha I.S., Schonfeld H.J., Langen H. Biokhimiia 67:1012-1020(2002) "Glutamine synthetase is essential for proliferation of fetal skin fibroblasts." Vermeulen T., Goerg B., Vogl T. Arch. Biochem. Biophys. 478:96-102(2008)
Form	Supplied at 1.0mg/mL in phosphate buffered saline (without Mg ²⁺ and Ca ²⁺), pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Purification Method	Antibodies were produced by immunizing rabbits with synthetic peptide and KLH conjugates. Antibodies were purified by affinity-chromatography using epitope-specific peptide.
Clonality	Polyclonal
Alias	GS; GLNS; PIG43; PIG59;
Product Type	Polyclonal Antibody
Species	Homo sapiens (Human)
Target Names	GLUL

Image



Western blot analysis of extracts from Rat and Mouse brain tissue and C6 cells using Glutamine Synthetase Antibody.