

Anti-Glutamine Synthetase Rabbit pAb



WL05394

For Research Use Only. Not For Use In Diagnostic Procedures

Product Information

Product name	Anti-Glutamine Synthetase Rabbit pAb	
Source	Rabbit	
Species reactivity	Human, Mouse, Rat	
Tested applications	WB	1:1000-1:2000
	IF	1:100-1:500
Cellular localization	Cytoplasm, Mitochondrion.	
Pack size	50/100/200/500/1000µl	
Storage	Store at -20°C. Avoid freeze/thaw cycles.	
Storage buffer	Supplied in 20 mM phosphate (pH 7.5), 150 mM NaCl, 100 µg/ml	
	BSA, 50% glycerol and less than 0.02% sodium azide	

General Information

Background	GLUL (Glutamine synthetase) is also named as GS, GLNS and belongs to the glutamine synthetase family. 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.
Immunogen	Polyclonal antibody is produced by immunizing animals with a synthetic peptide of Glutamine Synthetase.
Purification	Polyclonal antibody was purified by Protein A affinity chromatography.

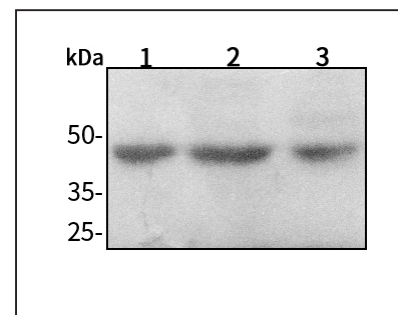
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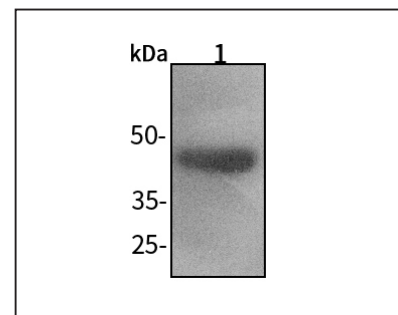
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Product Images



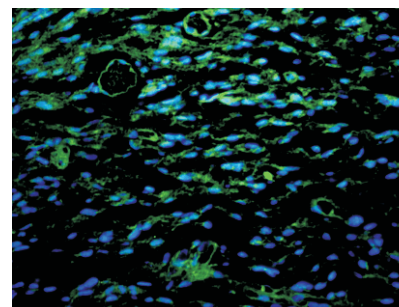
Western blot-Anti-Glutamine Synthetase pAb

Lane 1: Human MCF-7 cell lysate
Lane 2: Human HEK-293 cell lysate
Lane 3: Human HUVEC cell lysate
All lanes: Anti-Glutamine Synthetase at 1:1000 dilution
 Lysates/proteins at 20-50 µg per lane.
 Predicted band size: 42 kDa
 Observed band size: 42 kDa



Western blot-Anti-Glutamine Synthetase pAb

Lane 1: Mouse heart tissue lysate
All lanes: Anti-Glutamine Synthetase at 1:1000 dilution
 Lysates/proteins at 20-50 µg per lane.
 Predicted band size: 42 kDa
 Observed band size: 42 kDa



Immunofluorescence-Anti-Glutamine Synthetase pAb

Immunofluorescence analysis of paraffin-embedded human brain glioma using anti-Glutamine Synthetase Rabbit Antibody at 1:200 dilution. Perform heat mediated antigen retrieval with Tris-EDTA buffer pH 9.0