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# Glutamine Synthetase Rabbit mAb

货号: **AYM28672**

## 产品信息

反应	Human,Mouse,Rat
宿主	Rabbit
克隆性	Monoclonal
预测反应	
应用	WB IHC IP FC
推荐浓度	<b>WB:</b> 1:500 - 1:2000 <b>IHC:</b> 1:50 - 1:200 <b>IP:</b> 1:20 - 1:50 <b>FC:</b> 1:20 - 1:50
理论分子量	42kDa
实测分子量	42kDa
形式	Liquid
保存条件	Store at -20°C. Avoid freeze / thaw cycles. Buffer: PBS with 0.75% BSA,50% glycerol,pH7.3.
偶联物	Unconjugated
阳性对照	293T,Mouse brain,Rat brain
细胞定位	Cytoplasm,Mitochondrion
纯化	Affinity purification

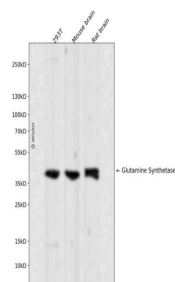
## 抗原信息

抗原信息	Recombinant fusion protein corresponding to Human Glutamine Synthetase .
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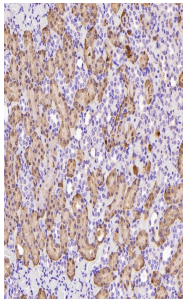
## 靶点信息

研究背景	The protein encoded by this gene 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. Glutamine is an abundant amino acid, and is important to the biosynthesis of several amino acids, pyrimidines, and purines. Mutations in this gene are associated with congenital glutamine deficiency, and overexpression of this gene was observed in some primary liver cancer samples. There are six pseudogenes of this gene found on chromosomes 2, 5, 9, 11, and 12. Alternative splicing results in multiple transcript variants.
基因ID	2752
基因名	GLUL
Swiss	P15104 ( <a href="https://www.uniprot.org/uniprotkb/P15104/entry">https://www.uniprot.org/uniprotkb/P15104/entry</a> )
别名	Glutamine Synthetase, Glutamine Synthetase Rabbit mAb, GLUL, Glutamate--ammonia ligase, Palmitoyltransferase GLUL, GLNS

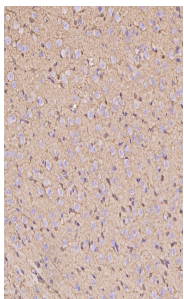
## 产品验证



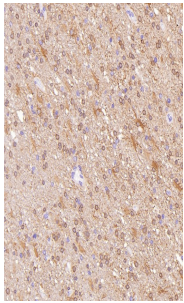
Western blot analysis of Glutamine Synthetase expressed in 293T, Mouse brain, Rat brain using Glutamine Synthetase Rabbit mAb at 1:1000. Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) at 1:5000. Lysates/proteins: 30ug per lane. Blocking buffer: 5% non-fat dry milk in TBST. Detection: ECL Enhanced Kit. Exposure time: 120s.



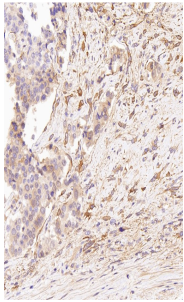
Immunohistochemical analysis of paraffin-embedded Rat kidney, using the Antibody at 1:400 dilution.



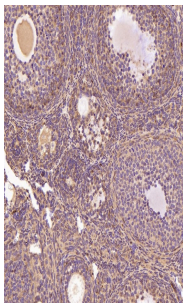
Immunohistochemical analysis of paraffin-embedded Rat cerebral cortex, using the Antibody at 1:400 dilution.



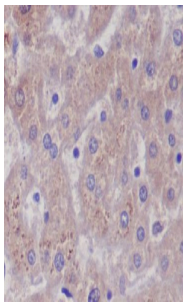
Immunohistochemical analysis of paraffin-embedded Human glioblastoma, using the Antibody at 1:250 dilution.



Immunohistochemical analysis of paraffin-embedded Human prostate cancer, using the Antibody at 1:250 dilution.



Immunohistochemical analysis of paraffin-embedded Mouse ovary, using the Antibody at 1:400 dilution.



Immunohistochemical analysis of paraffin-embedded human liver, using Glutamine Synthetase Antibody .

### 实验步骤

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