# Gl Syn rabbit pAb antibody

| Catalog No : | Source: | Concentration : | Mol.Wt. (Da): |
|---|---|---|---|
| A15071 | Rabbit | 1 mg/ml | 42064 |

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|---|---|
| **Applications** | WB,ELISA |
| **Reactivity** | Human,Mouse,Rat |
| **Dilution** | WB: 1:500 - 1:2000. ELISA: 1:20000. Not yet tested in other applications. |
| **Storage** | -20°C/1 year |
| **Specificity** | Gl Syn Polyclonal Antibody detects endogenous levels of Gl Syn protein. |
| **Source / Purification** | The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen. |
| **Immunogen** | The antiserum was produced against synthesized peptide derived from human Gl Syn. AA range:295-344 |
| **Uniprot No** | P15104 |
| **Alternative names** | GLUL; GLNS; Glutamine synthetase; GS; Glutamate decarboxylase; Glutamate--ammonia ligase |
| **Form** | Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide. |
| **Clonality** | Polyclonal |
| **Isotype** | IgG |
| **Conjugation** | |
| **Background** | glutamate-ammonia ligase(GLUL) Homo sapiens 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. [provided by RefSeq, Dec 2014], |
| **Other** | GLUL, Glutamine synthetase |

**Produtc Images：**

**Application Key:**

WB-Western IP-Immunoprecipitation IHC-Immunohistochemistry ChIP-Chromatin Immunoprecipitation

IF-Immunofluorescence F-Flow Cytometry E-P-ELISA-Peptide

**Species Cross-Reactivity Key:**

H-Human M-Mouse R-Rat Hm-Hamster Mk-Monkey Vir-Virus Mi-Mink C-Chicken Dm-D. melanogaster

X-Xenopus Z-Zebrafish B-Bovine Dg-Dog Pg-Pig Sc-S. cerevisiae Ce-C. elegans Hr-Horse All-All

Species Expected

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