

小鼠抗 GLUD1 单克隆抗体

- 中文名称： 小鼠抗 GLUD1 单克隆抗体
- 英文名称： Anti-GLUD1 mouse monoclonal antibody
- 别名： glutamate dehydrogenase 1; GDH; GDH1; GLUD
- 相关类别： 一抗
- 储存： 冷冻（-20℃）
- 宿主： Mouse
- 抗原： GLUD1
- 反应种属： Human
- 标记物： Unconjugate
- 克隆类型： mouse monoclonal

技术规格

Background:

This gene encodes glutamate dehydrogenase, which is a mitochondrial matrix enzyme that catalyzes the oxidative deamination of glutamate to alpha-ketoglutarate and ammonia. This enzyme has an important role in regulating amino acid-induced insulin secretion. It is allosterically activated by ADP and inhibited by GTP and ATP. Activating mutations in this gene are a common cause of congenital hyperinsulinism. Alternative splicing of this gene results in multiple transcript variants. The related glutamate dehydrogenase 2 gene on the human X-chromosome originated from this gene via retrotransposition and encodes a soluble for

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| | m of glutamate dehydrogenase. Related pseudogenes have been identified on chromosomes 10, 18 and X. |
| Applications: | ELISA, WB |
| Name of antibody: | GLUD1 |
| Immunogen: | Fusion protein of human GLUD1 |
| Full name: | glutamate dehydrogenase 1 |
| Synonyms: | GDH; GDH1; GLUD |
| SwissProt: | P00367 |
| WB Predicted band size: | 61 kDa |
| WB Positive control: | HEPG2 whole cell lysate |
| WB Recommended dilution: | 1000-5000 |

