

## 兔抗 GLUD1 多克隆抗体

- 中文名称： 兔抗 GLUD1 多克隆抗体
- 英文名称： Anti-GLUD1 rabbit polyclonal antibody
- 别名： glutamate dehydrogenase 1; GDH; GDH1; GLUD
- 抗原： GLUD1
- 储存： 冷冻（-20℃）
- 宿主： Rabbit
- 反应种属： Human, Mouse, Rat
- 相关类别： 一抗
- 标记物： Unconjugate
- 克隆类型： rabbit polyclonal

### 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 retrotrans

	position and encodes a soluble form of glutamate dehydrogenase. Related pseudogenes have been identified on chromosomes 10, 18 and X.
<b>Applications:</b>	ELISA, WB, IHC
<b>Name of antibody:</b>	GLUD1
<b>Immunogen:</b>	Synthetic peptide of human GLUD1
<b>Full name:</b>	glutamate dehydrogenase 1
<b>Synonyms:</b>	GDH; GDH1; GLUD
<b>SwissProt:</b>	P00367
<b>ELISA Recommended dilution:</b>	5000-10000
<b>IHC positive control:</b>	Human tonsil
<b>IHC Recommend dilution:</b>	20-100
<b>WB Predicted band size:</b>	61 kDa
<b>WB Positive control:</b>	Mouse liver tissue and Rat liver tissue lysates
<b>WB Recommended dilution:</b>	500-2000



