

GLUD1 Rabbit mAb

货号: **AYM29895**

产品信息

反应	Human,Mouse,Rat
宿主	Rabbit
克隆性	Monoclonal
预测反应	
应用	WB IHC IF/ICC FC
推荐浓度	WB: 1:500 - 1:2000 IHC: 1:50 - 1:200 IF/ICC: 1:50 - 1:200 FC: 1:20 - 1:50
理论分子量	42kDa/46kDa/61kDa
实测分子量	50kDa
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	HeLa,HepG2,NIH/3T3,U-251MG,Mouse liver,Mouse brain,Rat liver,Rat brain,Rat kidney
细胞定位	Mitochondrion matrix
纯化	Affinity purification

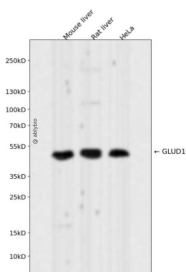
抗原信息

抗原信息	Recombinant fusion protein corresponding to Human GLUD1.
序列	SEAVADREDDPNFFKMVEGFFDRGASIVEDKLVEDLRTRESEEQKRNVRGILRIIKPCNHVLSLSFPIRRDDGSWEVIEGY RAQHSQHRTPCKGGIRYSTDVSVDVDEKALASLMTYKCAVVDVPPFGGAKAGVKINPKNYTDNELEKITRRFTMELAKKGFIG PGIDVPAPDMSTGEREMSWIADTYAS

靶点信息

研究背景	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 form of glutamate dehydrogenase. Related pseudogenes have been identified on chromosomes 10, 18 and X.
基因ID	2746
基因名	GLUD1
Swiss	P00367
别名	GLUD1;GDH;GDH1;GLUD

产品验证



Western blot analysis of GLUD1 expressed in Mouse liver,Rat liver,HeLa using GLUD1 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.

实验步骤

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