— ABLYBIO, Help Your Research

GCLC Rabbit mAb

货号: AYM31378

产品信息

反应	Human,Rat
宿主	Rabbit
克隆性	Monoclonal
预测反应	
应用	WB
推荐浓度	**WB:** 1:500 - 1:2000
理论分子量	72kDa
实测分子量	73kDa
形式	Liquid
保存条件	Store at -20℃. Avoid freeze / thaw cycles. Buffer: PBS with 0.75% BSA,50% glycerol,pH7.3.
偶联物	Unconjugated
阳性对照	HepG2,Mouse kidney,Mouse liver,Mouse lung,Rat kidney,Rat liver
细胞定位	cytosol,glutamate-cysteine ligase complex,mitochondrion
纯化	Affinity purification

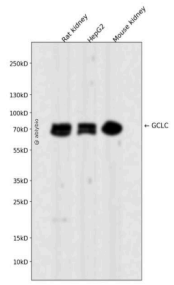
抗原信息

抗原信息	Recombinant fusion protein corresponding to Human GCLC.

靶点信息

研究背景	Glutamate-cysteine ligase, also known as gamma-glutamylcysteine synthetase is the first rate-limiting en zyme of glutathione synthesis. The enzyme consists of two subunits, a heavy catalytic subunit and a light regulatory subunit. This locus encodes the catalytic subunit, while the regulatory subunit is derived from a different gene located on chromosome 1p22-p21. Mutations at this locus have been associated with he molytic anemia due to deficiency of gamma-glutamylcysteine synthetase and susceptibility to myocardial infarction.
基因ID	2729
基因名	GCLC
Swiss	P48506 (https://www.uniprot.org/uniprotkb/P48506/entry)
别名	GCLC,GCLC Rabbit mAb,GCS heavy chain,Gamma-ECS,Gamma-glutamylcysteine synthetase,GLCL,GLCLC

产品验证



Western blot analysis of GCLC expressed in Rat kidney,HepG2,Mouse kidney using GCLC Rabbit mAb at 1: 1000. Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) at 1:5000. Lysates/proteins: 30ug per lane. Bl ocking buffer: 5% non-fat dry milk in TBST. Detection: ECL Enhanced Kit. Exposure time: 120s.

实验步骤

访问官网浏览详情: www.ablybio.cn (https://www.ablybio.cn//www.ablybio.cn)