

产品名称: GCLM Rabbit Monoclonal Antibody
产品货号: AMRe21523



产品概述 (Summary)

产品名称 (Production Name)	GCLM Rabbit Monoclonal Antibody
描述 (Description)	Recombinant rabbit monoclonal antibody
宿主 (Host)	Rabbit
应用 (Application)	WB,IHC,ICC/IF,ELISA,IP
种属反应性 (Reactivity)	Human,Mouse,Rat

产品性能 (Performance)

偶联物 (Conjugation)	Unconjugated
修饰 (Modification)	Unmodified
同种型 (Isotype)	IgG,Kappa
克隆 (Clonality)	Monoclonal
形式 (Form)	Liquid
存放说明 (Storage)	Store at 4°C short term. Aliquot and store at -20°C long term. Avoid freeze/thaw cycles.
储存溶液 (Buffer)	PBS, 50% glycerol, 0.05% Proclin 300, 0.05%protective protein
纯化方式 (Purification)	Protein A

免疫原信息 (Immunogen)

基因名 (Gene Name)	GCLM GCLM;GLCLR;Glutamate--cysteine ligase regulatory subunit;GCS light chain;Gamma-ECS regulatory subunit;Gamma-glutamylcysteine synthetase regulatory subunit;Glutamate--cysteine ligase modifier subunit
别名 (Alternative Names)	
基因 ID (Gene ID)	2730.0
蛋白 ID (SwissProt ID)	P48507.

产品应用 (Application)

稀释比 (Dilution Ratio)	WB 1:1000-1:5000,IHC 1:200-1:500,ICC/IF 1:200-1:1000,ELISA 1:5000-1:20000,IP 1:50-1:200
蛋白分子量 (Molecular Weight)	Calculated MW:31kD;Observed MW:31kD

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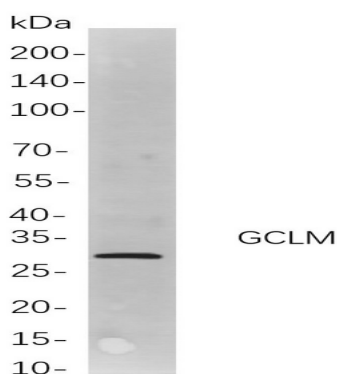


研究背景 (Background)

Cell localization: Cytoplasm. Glutamate-cysteine ligase, also known as gamma-glutamylcysteine synthetase, is the first rate limiting enzyme of glutathione synthesis. The enzyme consists of two subunits, a heavy catalytic subunit and a light regulatory subunit. Gamma glutamylcysteine synthetase deficiency has been implicated in some forms of hemolytic anemia. Alternative splicing results in multiple transcript variants encoding different isoforms. [provided by RefSeq, Apr 2015],

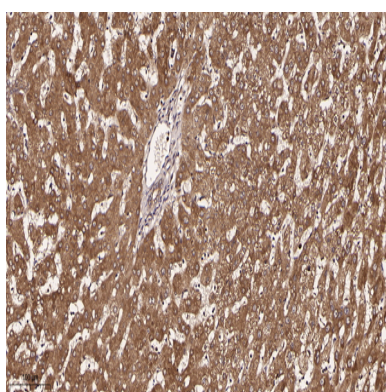
研究领域 (Research Area)

图片 (Image Data)



Western blot analysis of lysates from NIH-3T3

cells, using GCLM Rabbit mAb. The HRP-conjugated Goat anti-Rabbit IgG antibody was used to detect the antibody.



Immunohistochemical analysis of paraffin-embedded human liver tissue. 1, primary Antibody was diluted at 1:200(4°C, overnight). 2, EDTA pH 9.0 was used for antibody retrieval(>98°C, 20min). 3, Secondary antibody was diluted at 1:200(room temperature, 30min).

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注意事项 (Note)

For research use only .