

产品名称: GCSm-γ Rabbit Polyclonal Antibody
产品货号: APRab11373



产品概述 (Summary)

产品名称 (Production Name)	GCSm-γ Rabbit Polyclonal Antibody
描述 (Description)	Rabbit polyclonal Antibody
宿主 (Host)	Rabbit
应用 (Application)	WB,IHC,ICC/IF,ELISA
种属反应性 (Reactivity)	Human,Mouse,Rat,Monkey

产品性能 (Performance)

偶联物 (Conjugation)	Unconjugated
修饰 (Modification)	Unmodified
同种型 (Isotype)	IgG
克隆 (Clonality)	Polyclonal
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)	Liquid in PBS containing 50% glycerol, 0.5% protective protein and 0.02% New type preservative N.
纯化方式 (Purification)	Affinity purification

免疫原信息 (Immunogen)

基因名 (Gene Name)	GCLM GCLM; GLCLR; Glutamate--cysteine ligase regulatory subunit; GCS light chain;
别名 (Alternative Names)	Gamma-ECS regulatory subunit; Gamma-glutamylcysteine synthetase regulatory subunit; Glutamate--cysteine ligase modifier subunit
基因 ID (Gene ID)	2730.0
蛋白 ID (SwissProt ID)	P48507.The antiserum was produced against synthesized peptide derived from human GCSm-gamma. AA range:42-91

产品应用 (Application)

稀释比 (Dilution Ratio)	WB 1:500-1:2000,IHC 1:100-1:300,ICC/IF 1:50-1:200,ELISA 1:5000-1:20000
蛋白分子量 (Molecular Weight)	31kDa

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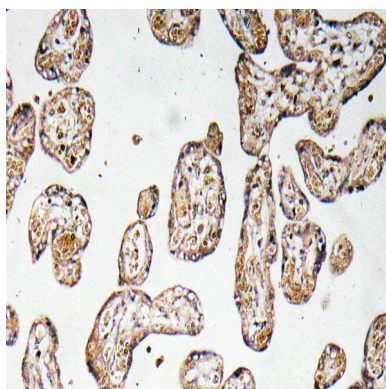
研究背景 (Background)

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], pathway: Sulfur metabolism; glutathione biosynthesis; glutathione from L-cysteine and L-glutamate: step 1/2., similarity: Belongs to the aldo/keto reductase family. Glutamate--cysteine ligase light chain subfamily., subunit: Heterodimer of a catalytic heavy chain and a regulatory light chain., tissue specificity: In all tissues examined. Highest levels in skeletal muscle.,

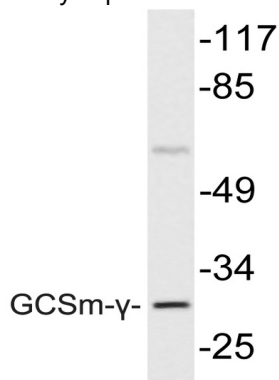
研究领域 (Research Area)

Glutathione metabolism;

图片 (Image Data)

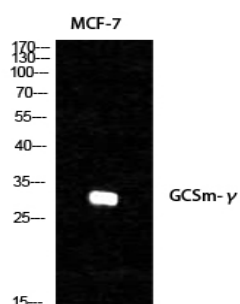


Immunohistochemistry analysis of GCSm- γ antibody in paraffin-embedded human prostate carcinoma tissue.

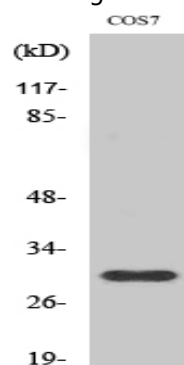


Western blot analysis of lysate from COS7 cells, using GCSm- γ antibody.

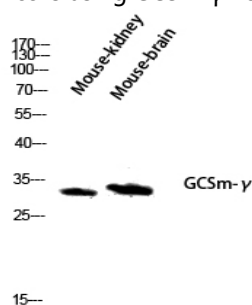
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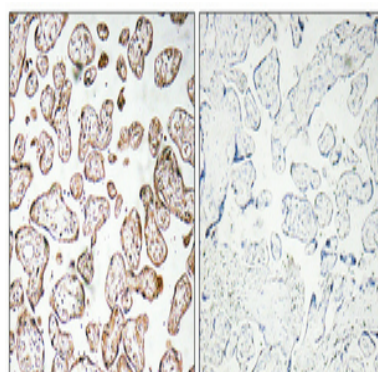
Western Blot analysis of various cells using GCSm- γ Polyclonal Antibody diluted at 1: 1000



Western Blot analysis of COS7 cells using GCSm- γ Polyclonal Antibody diluted at 1: 1000



Western blot analysis of Mouse-kidney mouse-brain lysis using GCSm- γ antibody. Antibody was diluted at 1:1000



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Immunohistochemical analysis of paraffin-embedded Human placenta. Antibody was diluted at 1:100 (4°,overnight) .
High-pressure and temperature Tris-EDTA,pH8.0 was used for antigen retrieval. Negative contrl (right) obtaned from
antibody was pre-absorbed by immunogen peptide.

注意事项 (Note)

For research use only .