

产品名称: Glutaminase Rabbit Polyclonal Antibody
产品货号: AP Rab01376



产品概述 (Summary)

产品名称 (Production Name)	Glutaminase Rabbit Polyclonal Antibody
描述 (Description)	Rabbit polyclonal Antibody
宿主 (Host)	Rabbit
应用 (Application)	WB,IHC,ICC/IF,FC
种属反应性 (Reactivity)	Human

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)	50mM Tris-Glycine(pH 7.4), 0.15M NaCl, 40% Glycerol, 0.01% Sodium azide and 0.05% protective protein
纯化方式 (Purification)	Affinity Purification

免疫原信息 (Immunogen)

基因名 (Gene Name)	GLS
别名 (Alternative Names)	Glutaminase kidney isoform; GLS; GLS1; KGA; K-glutaminase; GAM; GAC; Glutaminase C; L-glutamine amidohydrolase
基因 ID (Gene ID)	2744
蛋白 ID (SwissProt ID)	O94925.

产品应用 (Application)

稀释比 (Dilution Ratio)	WB 1:500-1:1000,IHC 1:50-1:100,ICC/IF 1:50-1:200,FC 1:50-1:100
蛋白分子量 (Molecular Weight)	Calculated MW: 73 kDa; Observed MW: 73,65 kDa

研究背景 (Background)

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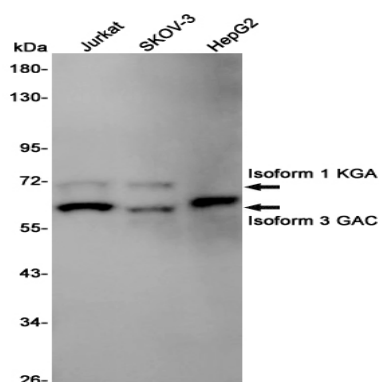


Catalyzes the first reaction in the primary pathway for the renal catabolism of glutamine. Plays a role in maintaining acid-base homeostasis. Regulates the levels of the neurotransmitter glutamate in the brain. Isoform 2 lacks catalytic activity. Isoform 1 and isoform 3 are activated by phosphate. Inhibited by BPTES. BPTES binds between subunits and favors dissociation of the tetramer into dimers.

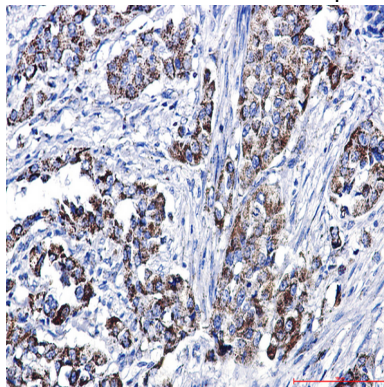
研究领域 (Research Area)

Neuroscience

图片 (Image Data)



Western blot analysis of Glutaminase1/GLS1 in Jurkat, SKOV-3, HepG2 lysates using Glutaminase antibody.



Immunohistochemistry analysis of paraffin-embedded Human lung cancer using Glutaminase antibody. High-pressure and temperature Sodium Citrate pH 6.0 was used for antigen retrieval.

注意事项 (Note)

For research use only .