

产品名称: Glutaminase Rabbit Monoclonal Antibody
产品货号: AMRe02040



产品概述 (Summary)

产品名称 (Production Name)	Glutaminase Rabbit Monoclonal Antibody
描述 (Description)	Recombinant rabbit monoclonal antibody
宿主 (Host)	Rabbit
应用 (Application)	WB, ICC/IF, 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
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)	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, ICC/IF 1:50-1:200, IP 1:20-1:50
蛋白分子量 (Molecular Weight)	Calculated MW: 73 kDa; Observed MW: 68 kDa

研究背景 (Background)

产品名称: Glutaminase Rabbit Monoclonal Antibody
产品货号: AMRe02040

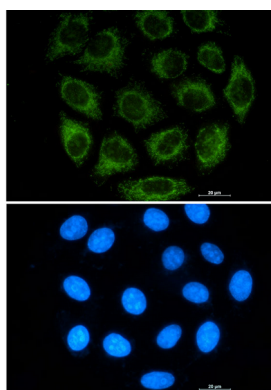


Catalyzes the first reaction in the primary pathway for the renal catabolism of glutamine. Plays a role in maintaining acid-base homeostasis. Regulates the levels of the neurotransmitter glutamate in the brain. Isoform 2 lacks catalytic activity. Isoform 1 and isoform 3 are activated by phosphate. Inhibited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

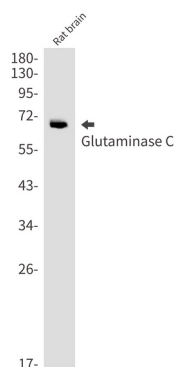
研究领域 (Research Area)

Neuroscience

图片 (Image Data)

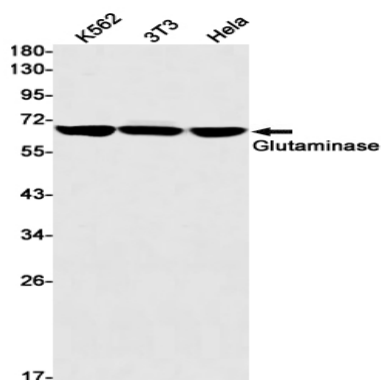


Immunocytochemistry analysis of Glutaminase (green) in A549 using Glutaminase antibody, and DAPI (blue).



Western blot analysis of Glutaminase C in rat brain lysates using Glutaminase C antibody.

产品名称: Glutaminase Rabbit Monoclonal Antibody
产品货号: AMRe02040



Western blot analysis of Glutaminase in K562, 3T3, HeLa lysates using Glutaminase antibody

注意事项 (Note)

For research use only .