Glutaminase Rabbit mAb

Catalog No: #58987

Package Size: #58987-1 50ul #58987-2 100ul



Orders: order@signalwayantibody.com Support: tech@signalwayantibody.com

Description

Product Name	Glutaminase Rabbit mAb
Host Species	Rabbit
Clonality	Monoclonal
Isotype	Rabbit IgG
Purification	Affinity-chromatography
Applications	WB IHC ICC/IF
Species Reactivity	Human Mouse Rat
Specificity	Glutaminase Antibody detects endogenous levels of Glutaminase
Immunogen Description	A synthesized peptide derived from human Glutaminase
Other Names	Glutaminase kidney isoform; GLS; GLS1, KGA; K-glutaminase; GAM; GAC; Glutaminase C; L-glutamine
	amidohydrolase;
Accession No.	Uniprot:O94925
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Formulation	Rabbit IgG in phosphate buffered saline , pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Storage	Store at +4°C short term. Store at -20°C long term. Avoid freeze / thaw cycle.

Application Details

WB 1:1000~1:2000 IHC 1:50~1:200 ICC/IF 1:50~1:200

Images



Western blot analysis of Glutaminase expression in 293T cell lysate.



Immunohistochemical analysis of paraffin-embedded human brain, using Glutaminase Antibody.

Product Description

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.

Background

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Note: This product is for in vitro research use only