

Product Description

Pioneering GTPase and Oncogene Product Development since 2010

GLUTAMINASE RABBIT MAB

Cat.#: N262281

Product Name: Anti-Glutaminase Rabbit Monoclonal Antibody

Synonyms: Glutaminase kidney isoform; GLS; GLS1; KGA; K-glutaminase;

GAM; GAC; Glutaminase C; L-glutamine amidohydrolase

UNIPROT ID: 094925

Background: 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.

Immunogen: Recombinant protein of human Glutaminase C

Applications: WB,ICC/IF,IP

Recommended Dilutions: WB: 1/500-1/1000 IF: 1/50-1/200 IP: 1/20

Host Species: Rabbit

Clonality: Rabbit Monoclonal

Clone ID: R08-3D8

MW: Calculated MW: 73 kDa; Observed MW: 68 kDa

Isotype: IgG

Purification: Affinity Purified

Species Reactivity: Human, Mouse, Rat

Conjugation: Unconjugated **Modification:** Unmodified

Constituents: PBS (without Mg2+ and Ca2+), pH 7.3 containing 50%

glycerol, 0.5% BSA and 0.02% sodium azide

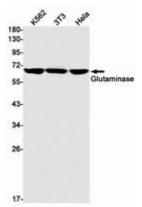
Research Areas: NeuroscienceyyyyyGlutamatergic Neurons

Storage & Shipping: Store at -20°C. Avoid repeated freezing and thawing

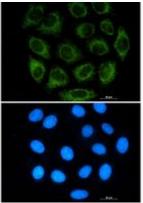


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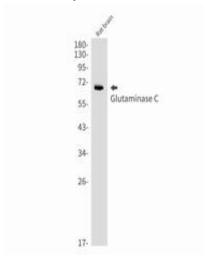
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Western blot analysis of Glutaminase in K562, 3T3, Hela lysates using Glutaminase antibody



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.