

## Glutaminase monoclonal antibody

Catalog: MB10980

Host: Rabbit

Reactivity: Human, Mouse, Rat

### 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.

### Product:

50mM Tris-Glycine(pH 7.4), 0.15M NaCl, 40% Glycerol, 0.01% Sodium azide and 0.05% BSA

### Molecular Weight:

Calculated MW: 73 kDa; Observed MW: 68 kDa

### Swiss-Prot:

O94925

### Purification&Purity:

Affinity Purified

### Applications:

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

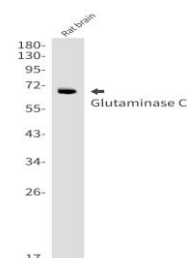
### Storage&Stability:

Store at 4 °C short term. Aliquot and store at -20 °C long term. Avoid freeze-thaw cycles.

### Isotype:

IgG

### DATA:



Immunocytochemistry analysis of Glutaminase in A549 using Glutaminase antibody, and DAPI.

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

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

### Note:

For research use only, not for use in diagnostic procedure.

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