



Glutamine Synthase

Catalog number

G7121-05

Supplier

United States Biological

Glutamine synthase is part of the glutamine synthetase family. Ammonia incorporation in animals occurs through the actions of glutamate dehydrogenase and glutamine synthase. Glutamate plays the central role in mammalian nitrogen flow, serving as both a nitrogen donor and nitrogen acceptor.

Applications

Suitable for use in Western Blot and Immunohistochemistry. Other applications not tested.

Recommended Dilutions

Western Blot: 1:5000

Immunohistochemistry: 1:12,000

Optimal dilutions to be determined by the researcher.

Positive Control

Retinal muller cells

Storage and Stability

May be stored at 4°C for short-term only. Aliquot to avoid repeated freezing and thawing. Store at -20°C. Aliquots are stable for 12 months after receipt. For maximum recovery of product, centrifuge the original vial after thawing and prior to removing the cap.

Immunogen

Recombinant human Glutamine Synthase. Cellular Localization: Cytoplasmic.

Formulation

Supplied as a liquid, 0.05% sodium azide.

Purity

Serum

Specificity

Recognizes human Glutamine Synthase. Species Crossreactivity: bovine, mouse and rat.

Product Type

Pab

Source

human

Isotype

IgG



Grade

Serum

Applications

IHC WB

Crossreactivity

Bo Hu Mo Rt

Storage

-20°C