

Glutamine synthetase antibody [GT7711]

Cat. No. GTX630657

Host	Mouse
Clonality	Monoclonal
Isotype	IgG1
Applications	WB, ICC/IF, IHC-P, IHC-Fr
Reactivity	Human, Mouse, Rat

References (1)

Package

100 µl, 25 µl

Applications

Application Note

*Optimal dilutions/concentrations should be determined by the researcher.

Suggested dilution	Recommended dilution
WB	1:500-1:3000
ICC/IF	1:100-1:1000
IHC-P	Assay dependent
IHC-Fr	1:100-1:1000

Not tested in other applications.

Calculated MW 42 kDa. ([Note](#))

Properties

Form	Liquid
Buffer	PBS, 20% Glycerol
Preservative	No preservatives
Storage	Store as concentrated solution. Centrifuge briefly prior to opening vial. For short-term storage (1-2 weeks), store at 4°C. For long-term storage, aliquot and store at -20°C or below. Avoid multiple freeze-thaw cycles.
Concentration	1 mg/ml (Please refer to the vial label for the specific concentration.)
Immunogen	Full length human Glutamine synthetase Recombinant protein.
Purification	Affinity purified by Protein G.
Conjugation	Unconjugated

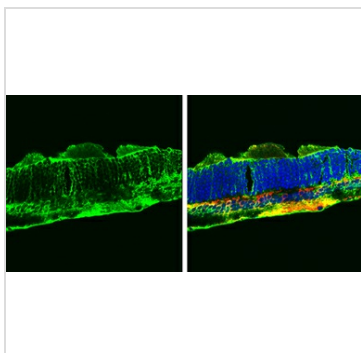
Note

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DATA IMAGES

**GTX630657 IHC-Fr Image**

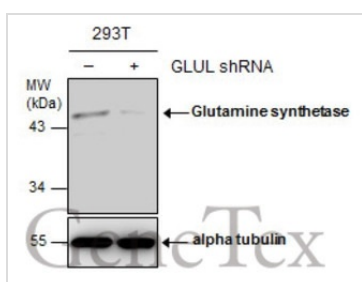
Glutamine synthetase antibody [GT7711] detects Glutamine synthetase protein by immunohistochemical analysis.

Sample: Frozen sectioned adult mouse retina.

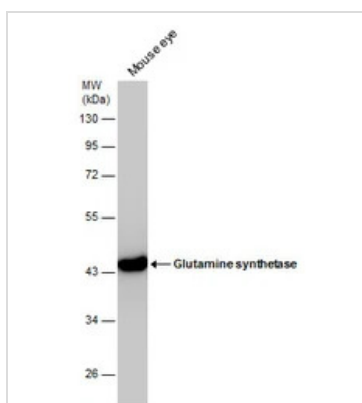
Green: Glutamine synthetase protein stained by Glutamine synthetase antibody [GT7711] (GTX630657) diluted at 1:250.

Red: PKC alpha protein stained by PKC alpha antibody [GT1876] (GTX130453) diluted at 1:250.

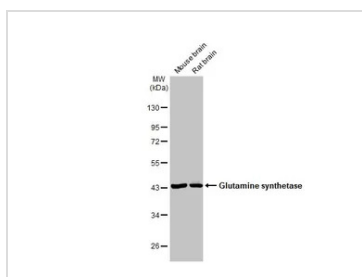
Blue: Fluoroshield with DAPI (GTX30920).

**GTX630657 WB Image**

Non-transfected (-) and transfected (+) 293T whole cell extracts (30 μ g) were separated by 10% SDS-PAGE, and the membrane was blotted with Glutamine synthetase antibody [GT7711] (GTX630657) diluted at 1:500.

**GTX630657 WB Image**

Mouse tissue extract (50 μ g) was separated by 10% SDS-PAGE, and the membrane was blotted with Glutamine synthetase antibody (GTX630657) diluted at 1:1000.

**GTX630657 WB Image**

Various tissue extracts (50 μ g) were separated by 10% SDS-PAGE, and the membrane was blotted with Glutamine synthetase antibody [GT7711] (GTX630657) diluted at 1:250000. The HRP-conjugated anti-mouse IgG antibody (GTX213111-01) was used to detect the primary antibody.



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