

**Product Name: Glutamine Synthetase Rabbit
Monoclonal Antibody
Catalog #: AMRe01499**

Summary

Production Name	Glutamine Synthetase Rabbit Monoclonal Antibody
Description	Recombinant Rabbit Monoclonal antibody
Host	Rabbit
Application	WB
Reactivity	Mouse,Rat

Performance

Conjugation	Unconjugated
Modification	Unmodified
Isotype	IgG
Clonality	Monoclonal Antibody
Form	Liquid
Storage	Store at 4°C short term. Aliquot and store at -20°C long term. Avoid freeze/thaw cycles.
Buffer	50mM Tris-Glycine(pH 7.4), 0.15M NaCl, 40% Glycerol, 0.01% Sodium azide and 0.05% BSA
Purification	Affinity Purified

Immunogen

Gene Name	GLUL
Alternative Names	GLNA; GS; GLUL; GLNS; PIG43; PIG59; Glutamine synthetase
Gene ID	2752
SwissProt ID	P15104

Application

Dilution Ratio	WB: 1/500-1/1000
Molecular Weight	Calculated MW: 42 kDa; Observed MW: 42 kDa

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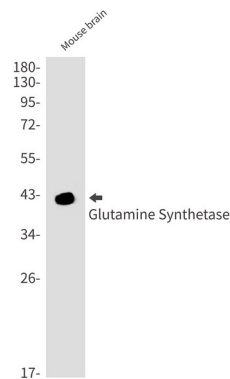
Background

The protein encoded by this gene belongs to the glutamine synthetase family. It catalyzes the synthesis of glutamine from glutamate and ammonia. Glutamine is a main source of energy and is involved in cell proliferation, inhibition of apoptosis, and cell signaling. This gene is expressed during early fetal stages, and plays an important role in controlling body pH by removing ammonia from circulation.

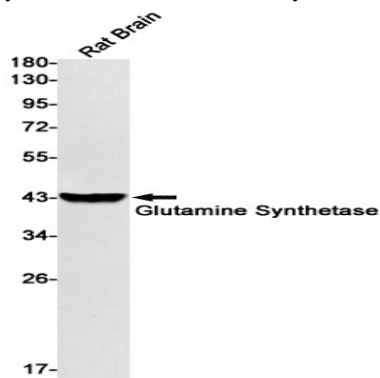
Research Area

Neuroscience

Image Data



Western blot analysis of Glutamine Synthetase in mouse brain lysates using Glutamine Synthetase antibody.



Western blot analysis of Glutamine Synthetase in rat Brain lysates using Glutamine Synthetase antibody.

Note

For research use only.