
Product Name: Glutamine Synthetase Rabbit Monoclonal Antibody**Catalog #: AMRe85186**

For research use only.

Summary

Description	Recombinant rabbit monoclonal antibody
Host	Rabbit
Application	WB
Reactivity	Mouse,Rat
Conjugation	Unconjugated
Modification	Unmodified
Isotype	IgG
Clonality	Monoclonal
Form	Liquid
Concentration	
Storage	Aliquot and store at -20°C (valid for 12 months). Avoid freeze/thaw cycles.
Shipping	Ice bags
Buffer	Purified antibody in TBS with 0.05% sodium azide,0.05%protective protein and 50% glycerol.
Purification	Affinity Purification

Application

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

Antigen Information

Gene Name	Glutamine Synthetase
Alternative Names	GLNA; GS; GLUL; GLNS; PIG43; PIG59; Glutamine synthetase
Gene ID	2752.0
SwissProt ID	P15104
Immunogen	A synthetic peptide of human Glutamine Synthetase

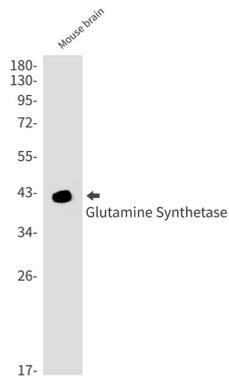
Background

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

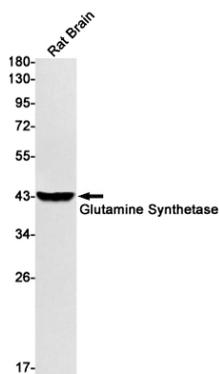
ammonia from circulation.

Research Area

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.