

Anti-Glutamine synthetase Antibody (4X562)

Product Details

Ig Type:	IgG
Reactivity:	Human,Mouse,Rat
Molecular Weight:	Theoretical: 42 kDa. Actual: 42 kDa.
Clone:	4X562
Purification:	Protein A purified

Applications

1. 25 µg total protein per lane of various lysates (see on figure) probed with Glutamine synthetase monoclonal antibody, unconjugated (TMAB-06559) at 1: 2000 dilution and 4°C overnight incubation. Followed by conjugated secondary antibody incubation at r. T. for 60 min.
2. Paraformaldehyde-fixed, paraffin embedded Mouse Liver; Antigen retrieval by boiling in sodium citrate buffer (pH6.0) for 15 min; Antibody incubation with Glutamine synthetase Monoclonal Antibody, Unconjugated (TMAB-06559) at 1: 200 overnight at 4°C, followed by conjugation to the SP Kit (Rabbit) and DAB staining.
3. Paraformaldehyde-fixed, paraffin embedded Rat Liver; Antigen retrieval by boiling in sodium citrate buffer (pH6.0) for 15 min; Antibody incubation with Glutamine synthetase Monoclonal Antibody, Unconjugated (TMAB-06559) at 1: 200 overnight at 4°C, followed by conjugation to the SP Kit (Rabbit) and DAB staining.
4. Paraformaldehyde-fixed, paraffin embedded Human Liver; Antigen retrieval by boiling in sodium citrate buffer (pH6.0) for 15 min; Antibody incubation with Glutamine synthetase Monoclonal Antibody, Unconjugated (TMAB-06559) at 1: 200 overnight at 4°C, followed by conjugation to the SP Kit (Rabbit) and DAB staining.
5. Paraformaldehyde-fixed, paraffin embedded Mouse Cerebrum; Antigen retrieval by boiling in sodium citrate buffer (pH6.0) for 15 min; Antibody incubation with Glutamine synthetase Monoclonal Antibody, Unconjugated (TMAB-06559) at 1: 200 overnight at 4°C, followed by conjugation to the SP Kit (Rabbit) and DAB staining.
6. Paraformaldehyde-fixed, paraffin embedded Rat Cerebrum; Antigen retrieval by boiling in sodium citrate buffer (pH6.0) for 15 min; Antibody incubation with Glutamine synthetase Monoclonal Antibody, Unconjugated (TMAB-06559) at 1: 200 overnight at 4°C, followed by conjugation to the SP Kit (Rabbit) and DAB staining.
7. Paraformaldehyde-fixed, paraffin embedded Mouse Kidney; Antigen retrieval by boiling in sodium citrate buffer (pH6.0) for 15 min; Antibody incubation with Glutamine synthetase Monoclonal Antibody, Unconjugated (TMAB-06559) at 1: 200 overnight at 4°C, followed by conjugation to the SP Kit (Rabbit) and DAB staining.
8. Paraformaldehyde-fixed, paraffin embedded Rat Kidney; Antigen retrieval by boiling in sodium citrate buffer (pH6.0) for 15 min; Antibody incubation with Glutamine synthetase Monoclonal Antibody, Unconjugated (TMAB-06559) at 1: 200 overnight at 4°C, followed by conjugation to the SP Kit (Rabbit) and DAB staining.
9. Paraformaldehyde-fixed, paraffin embedded Mouse Cerebellum; Antigen retrieval by boiling in sodium citrate buffer (pH6.0) for 15 min; Antibody incubation with Glutamine synthetase Monoclonal Antibody, Unconjugated (TMAB-06559) at 1: 200 overnight at 4°C, followed by conjugation to the SP Kit (Rabbit) and DAB staining.

Verified Activity:

10. Paraformaldehyde-fixed, paraffin embedded Rat Cerebellum; Antigen retrieval by boiling in sodium citrate buffer (pH6.0) for 15 min; Antibody incubation with Glutamine synthetase Monoclonal Antibody, Unconjugated (TMAB-06559) at 1: 200 overnight at 4°C, followed by conjugation to the SP Kit (Rabbit) and DAB staining.

11. Paraformaldehyde-fixed, paraffin embedded Human Glioma; Antigen retrieval by boiling in sodium citrate buffer (pH6.0) for 15 min; Antibody incubation with Glutamine synthetase Monoclonal Antibody, Unconjugated (TMAB-06559) at 1: 200 overnight at 4°C, followed by conjugation to the SP Kit (Rabbit) and DAB staining.

12. Paraformaldehyde-fixed, paraffin embedded Human Tonsil; Antigen retrieval by boiling in sodium citrate buffer (pH6.0) for 15 min; Antibody incubation with Glutamine synthetase Monoclonal Antibody, Unconjugated (TMAB-06559) at 1: 200 overnight at 4°C, followed by conjugation to the SP Kit (Rabbit) and DAB staining.

13. Paraformaldehyde-fixed, paraffin embedded Rat Liver; Antigen retrieval by boiling in sodium citrate buffer (pH6.0) for 15 min; The section was incubated with Glutamine synthetase Monoclonal Antibody, Unconjugated (TMAB-06559) at 1: 200 overnight at 4°C. Followed by conjugated Goat Anti-Rabbit IgG antibody (Red), DAPI (blue) was used to stain the cell nuclei.

14. Paraformaldehyde-fixed, paraffin embedded Mouse Liver; Antigen retrieval by boiling in sodium citrate buffer (pH6.0) for 15 min; The section was incubated with Glutamine synthetase Monoclonal Antibody, Unconjugated (TMAB-06559) at 1: 200 overnight at 4°C. Followed by conjugated Goat Anti-Rabbit IgG antibody (Red), DAPI (blue) was used to stain the cell nuclei.

15. Paraformaldehyde-fixed, paraffin embedded Human Liver; Antigen retrieval by boiling in sodium citrate buffer (pH6.0) for 15 min; The section was incubated with Glutamine synthetase Monoclonal Antibody, Unconjugated (TMAB-06559) at 1: 200 overnight at 4°C. Followed by conjugated Goat Anti-Rabbit IgG antibody (Red), DAPI (blue) was used to stain the cell nuclei.

Application: WB,IHC-P,IHC-Fr,IP,FCM,IF

Recommended WB: 1:500-2000; IHC-P: 1:50-200; IHC-Fr: 1:50-200; IP: 1:20-50; FCM: 1:50-100; IF: 1:50-200

Properties

Stability & Storage: Store at 2°C-8°C for 1 month. Store at -20°C or -80°C for 12 months. Avoid repeated freeze-thaw cycles.

Shipping: Shipping with blue ice.

Antigen Details

Immunogen: A synthesized peptide: human Glutamine synthetase

Antigen Species: Human

Gene ID: 2752

Uniprot ID: P15104

Research Background

Glutamine synthetase that catalyzes the ATP-dependent conversion of glutamate and ammonia to glutamine.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

This product is for Research Use Only · Not for Human or Veterinary or Therapeutic Use

Tel:781-999-4286 E_mail:info@targetmol.com Address:34 Washington Street,Wellesley Hills,MA 02481