

Anti-GFAP Antibody (3A643)

Product Details

Ig Type:	IgG
Reactivity:	Human,Mouse,Rat
Molecular Weight:	Theoretical: 48 kDa. Actual: 48 kDa.
Clone:	3A643
Purification:	Protein A purified

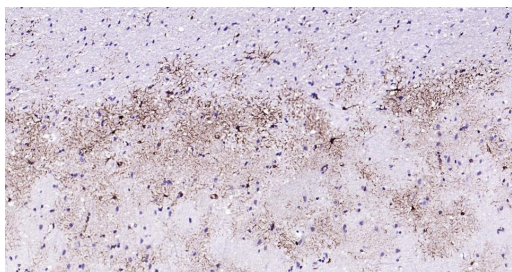
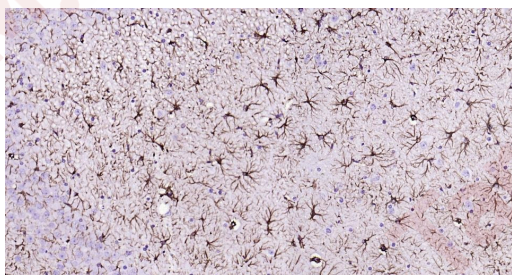
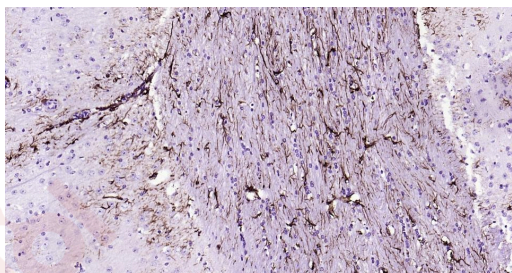
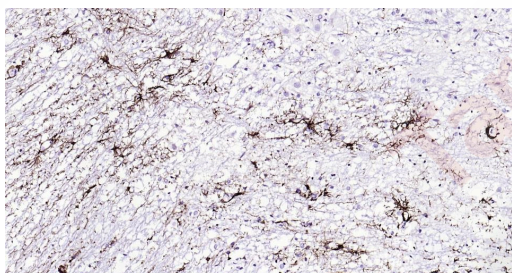
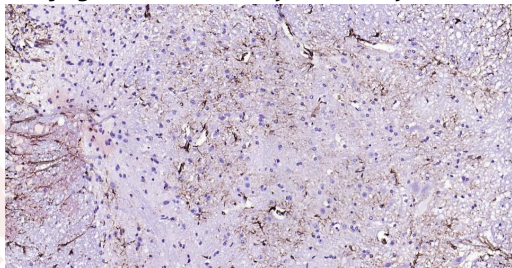
Applications

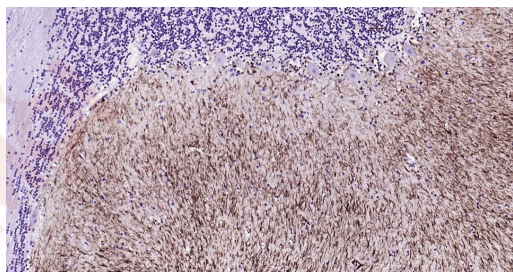
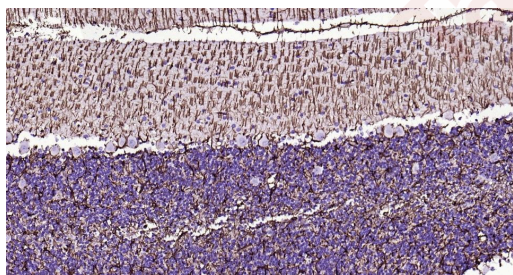
Verified Activity:

1. Paraformaldehyde-fixed, paraffin embedded Mouse Spinal Cord; Antigen retrieval by boiling in sodium citrate buffer (pH6.0) for 15 min; Antibody incubation with GFAP Monoclonal Antibody, Unconjugated (TMAB-00763) at 1:200 overnight at 4°C, followed by conjugation to the secondary antibody and DAB staining.
2. Paraformaldehyde-fixed, paraffin embedded Rat Spinal Cord; Antigen retrieval by boiling in sodium citrate buffer (pH6.0) for 15 min; Antibody incubation with GFAP Monoclonal Antibody, Unconjugated (TMAB-00763) at 1:200 overnight at 4°C, followed by conjugation to the secondary antibody and DAB staining.
3. Paraformaldehyde-fixed, paraffin embedded Mouse Cerebrum; Antigen retrieval by boiling in sodium citrate buffer (pH6.0) for 15 min; Antibody incubation with GFAP Monoclonal Antibody, Unconjugated (TMAB-00763) at 1:200 overnight at 4°C, followed by conjugation to the secondary antibody and DAB staining.
4. Paraformaldehyde-fixed, paraffin embedded Rat Cerebrum; Antigen retrieval by boiling in sodium citrate buffer (pH6.0) for 15 min; Antibody incubation with GFAP Monoclonal Antibody, Unconjugated (TMAB-00763) at 1:200 overnight at 4°C, followed by conjugation to the secondary antibody and DAB staining.
5. Paraformaldehyde-fixed, paraffin embedded Human Cerebrum; Antigen retrieval by boiling in sodium citrate buffer (pH6.0) for 15 min; Antibody incubation with GFAP Monoclonal Antibody, Unconjugated (TMAB-00763) at 1:200 overnight at 4°C, followed by conjugation to the secondary antibody and DAB staining.
6. Paraformaldehyde-fixed, paraffin embedded Rat Cerebellum; Antigen retrieval by boiling in sodium citrate buffer (pH6.0) for 15 min; Antibody incubation with GFAP Monoclonal Antibody, Unconjugated (TMAB-00763) at 1:200 overnight at 4°C, followed by conjugation to the secondary antibody and DAB staining.
7. Paraformaldehyde-fixed, paraffin embedded Human Cerebellum; Antigen retrieval by boiling in sodium citrate buffer (pH6.0) for 15 min; Antibody incubation with GFAP Monoclonal Antibody, Unconjugated (TMAB-00763) at 1:200 overnight at 4°C, followed by conjugation to the secondary antibody and DAB staining.
8. (Negative control) Paraformaldehyde-fixed, paraffin embedded Mouse Liver; Antigen retrieval by boiling in sodium citrate buffer (pH6.0) for 15 min; Antibody incubation with GFAP Monoclonal Antibody, Unconjugated (TMAB-00763) at 1:200 overnight at 4°C, followed by conjugation to the secondary antibody and DAB staining.
9. (Negative control) Paraformaldehyde-fixed, paraffin embedded Rat Liver; Antigen retrieval by boiling in sodium citrate buffer (pH6.0) for 15 min; Antibody incubation with GFAP Monoclonal Antibody, Unconjugated (TMAB-00763) at 1:200 overnight at 4°C, followed by conjugation to the secondary antibody and DAB staining.

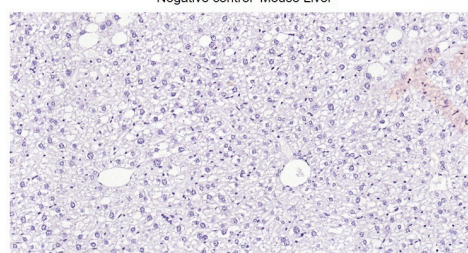
10. (Negative control) Paraformaldehyde-fixed, paraffin embedded Human Liver; Antigen retrieval by boiling in sodium citrate buffer (pH6.0) for 15 min; Antibody incubation with GFAP Monoclonal Antibody, Unconjugated (TMAB-00763) at 1:200 overnight at 4°C, followed by conjugation to the secondary antibody and DAB staining.

11. 25 µg total protein per Lane of various lysates probed with GFAP monoclonal antibody, unconjugated (TMAB-00763) at 1:1000 dilution and 4°C overnight incubation. Followed by conjugated secondary antibody incubation at RT for 60 min.

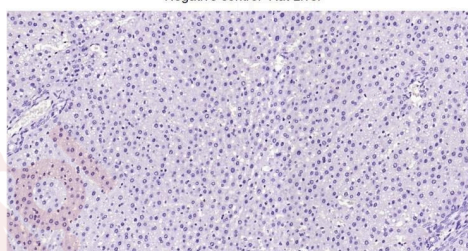




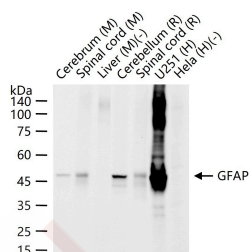
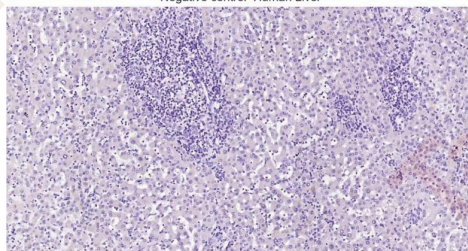
Negative control Mouse Liver



Negative control Rat Liver



Negative control Human Liver



Application: WB,IHC-P,IHC-F,IF,FCM

Recommended WB=1:1000-50000,IHC-P=1:100-500,IHC-F=1:100-500,IF=1:100-500,FCM=1:50-100

Properties

Stability & Storage: 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 GFAP

Antigen Species: Human

Gene ID: 2670

Uniprot ID: P14136

Synonyms: Glial Fibrillary Acidic Protein;GFAP

Biology Area: Intermediate Filaments,Astrocyte marker,GFAP,Astrocyte,Glial

Research Background

This gene encodes one of the major intermediate filament proteins of mature astrocytes. It is used as a marker to distinguish astrocytes from other glial cells during development. Mutations in this gene cause Alexander disease, a rare disorder of astrocytes in the central nervous system. Alternative splicing results in multiple transcript variants encoding distinct isoforms. [provided by RefSeq, Oct 2008]

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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