

## GFAP

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**Reactivity:**Human Mouse Rat

**Tested applications:**WB IHC IP

**Recommended Dilution:**WB 1:500 - 1:2000 IHC 1:50 - 1:200 IP 1:20 - 1:50

**Calculated MW:**50 kDa

**Observed MW:**Refer to figures

**Immunogen:**

Recombinant protein of human GFAP

**Storage Buffer:**

Store at -20. Avoid freeze / thaw cycles. Buffer: PBS with 0.02% sodium azide, 50% glycerol, pH7.3.

**Synonym:**

ALXDRD;

**Catalog #:**A10873

**Antibody Type:**

Monoclonal Antibody

**Species:**Rabbit

**Gene ID:**2670

**Isotype:**IgG

**Swiss Prot:**P14136

**Purity:**Affinity purification

For research use only.

**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.

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