

## GFAP Recombinant antibody

Cat:B32050R

Company: Haokebio

Uniprot ID:P14136

Applications: IHC:1:100-1:200

Organism:Rabbit

IHC-Polymer:1:400-1:800

Species reactivity:Human

TSA:1:500-1:1000

### Background:

GFAP (Glial Fibrillary Acidic Protein) is an intermediate filament protein with a molecular weight of approximately 50 kDa. In the central nervous system (CNS), GFAP is expressed in astrocytes and ependymal cells, but not in other glial cells. However, it may also be expressed in some immature oligodendrocytes and choroid plexus cells. In the peripheral nervous system (PNS), GFAP is expressed in intestinal Schwann cells and satellite cells of sensory ganglia. Beyond the nervous system, GFAP is also expressed in myoepithelial cells and chondrocytes. Among tumor tissues, astrocytomas, ependymomas, malignant gliomas, oligodendrogliomas, and Schwannomas all exhibit GFAP positivity. In most cases, chondromas, chondrosarcomas, and pleomorphic adenomas also show GFAP positivity. This marker is mainly used to distinguish gliomas from metastatic carcinomas.

### Protein full name:

glial fibrillary acidic protein

### Synonyms:

glial fibrillary acidic protein

### Immunogen:

Peptide

### Isotype:

IgG

### Subcellular location:

Cytoplasm

### Purity:

Affinity purification

### Form:

Liquid

### Storage Buffer:

PBS with 0.02% sodium azide, 100 µg/ml BSA and 50% glycerol.

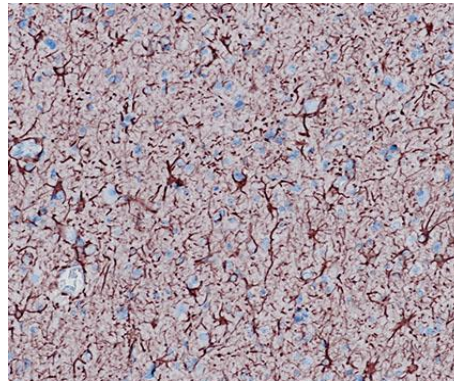
### Storage:

Store at -20 °C for one year.

### Experimental procedure:

Antigen retrieval: Citrate buffer (pH 9.0), Medium high heat for 8 minutes, stop for 7 minutes, medium high heat for 8 minutes. Incubate antibody, 4°C overnight. Secondary antibody: Poly-HRP Goat Anti-Rabbit & Mouse Universal Secondary Antibody, RT, 1h.

### Images:



Sample: Human astrocytoma tissue, 4% PFA 12-24h

### Source of Reagents:

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