

## Rabbit anti-GFAP Polyclonal Antibody

**Catalog No.:** PS032

**Quantity:** 0.25 ml

### Specificity

The antiserum is specifically directed against the 56kDa Glial Fibrillary Acid Protein (GFAP). This is the main subunit of intermediate filaments of glial cells and astrocytes. Immunogen: isolated from human spinal cord. Antigen location: cytoplasm. Cross-reactivity is observed with GFAP in bovine and rat tissue.

### Use

The antibodies can be used to distinguish by means of immunohistochemistry, glial tumors, including astrocytomas and ependymomas from other tumors, as meningiomas, neuroblastomas, chordomas, chondrosarcomas, lymphomas and carcinomas. It can be used both on frozen sections as on standard formaldehyde fixed paraffin-embedded tissue.

### Instructions for use

For immunohistochemistry on frozen sections, fixation with acetone for 5 min. at -20°C is recommended. Paraffin sections, fixation with formaldehyde. Working dilution: 1:50.

Dilution buffer: 0.15 M PBS with 1% BSA and 0.1% sodium azide. Optimal dilution should be tested by serial dilutions. Recommended for positive control: brain tissue.

### Presentation

Liquid antiserum: 0.25 ml.

### Literature

- Perentes, E., et al., 1987, Archives of Path. and lab. Med. 111, 796-812.
- Van Muijen, G.N.P., et al., 1987, Laboratory Investigation 57, 359.
- Broers, J.L.V., et al., 1986, J. Cell Sci. 83, 37-60.
- Ramaekers, F., et al., 1983, Histochemical J. 15, 691-713.

**FOR RESEARCH USE ONLY, NOT FOR DRUG, DIAGNOSTIC OR OTHER USE.**



**Cell Sciences, Inc.**  
480 Neponset Street  
Bldg 12A  
Canton, MA 02021

Toll Free: 888-769-1246  
Phone: 781-828-0610  
Fax: 781-828-0542

E-mail: [info@cellsciences.com](mailto:info@cellsciences.com)  
Web Site: [www.cellsciences.com](http://www.cellsciences.com)