

## Rabbit anti-GFAP

60-0032; 60-0032-7	6 mL; 7 mL predilute Antibody, Ready-To-Use
61-0032; 61-0032-2; 61-0032-5	1 mL; 0.2 mL; 0.5 mL Concentrate Antibody
Isotype	N/A
Concentration	See container label

## Intended Use

For In Vitro Diagnostic Use.

This product is used to qualitatively detect GFAP in normal and neoplastic formalin fixed paraffin embedded tissue sections in immunohistochemical detection methodology. Interpretation must be made within the context of the patient's clinical history and other diagnostic test by a qualified pathologist.

## Description

Glial Fibrillary Acidic Protein (GFAP) is the principle intermediate-filament of mature astrocytes. In the central nervous system, it is a major component of astrocytes, ependymal cells, and retinal Muller cells; it is expressed in rare ependymal cells and cerebral radial glia; mature oligodendrocytes do not express GFAP. Outside the CNS, GFAP is also expressed in Schwann cells, Kupffer cells, and chondrocytes.

The antibody labels GFAP and is a useful tool for the identification of astrocytes in the CNS under normal and pathological conditions.

## Reagent provided

This antibody is purified immunoglobulin diluted in 10 mM Phosphate buffered saline (PBS), pH 7.2 containing 1% bovine serum albumin (BSA) and 0.09% sodium azide (NaN<sub>3</sub>) as antimicrobial agent.

## Precautions

For professional users

Proper handling of this product as with any product derived from biological sources according to local and applicable regulations.

Sodium azide is a toxic chemical. The concentration in this product is not classified as hazardous, however, the build-ups of NaN<sub>3</sub> may react with lead and copper plumbing to form highly explosive metal azides. Flush the disposed reagent with large volume of water to prevent azide build-up.

## Usage

### Dilution

60-0032; 60-0032-7: Ready-To-Use

61-0032; 61-0032-2; 61-0032-5: Dilute 1:50 to 1:100 before use when using Acu-Stain™ detection system. Optimum dilution factor may vary depending on the specimen and preparation process and should be determined by each individual investigator.

### Staining procedure

Incubate this antibody with tissue section for 30-60 minutes at room temperature. Follow the instructions from the selected detection system.

### Positive control tissue

Astrocytomas

### Epitope retrieval

Not Required

### Staining pattern

Cytoplasmic

## Storage

Store at 2-8°C.

## References

1. Reske-Nielsen E, et al. Acta Pathol Microbiol Immunol Scand [A]. 1987 Nov;95(6):339-46
2. Oh D, et al. Arch Pathol Lab Med. 1999 Oct;123(10):917-20
3. Geddes JF, et al. Am J Surg Pathol. 1996 Jan;20(1):55-63.

## Symbols



Catalog No.



Batch No.



In Vitro Diagnostic Use



Temperature Range



Use By

