



IHC image of astrocytes in rat cortex.

## GFAP (Glial Fibrillary Acid Protein) Antibody • 6mL Ready-to-Use Liquid

<b>Catalog #</b>	22522	<b>Product type</b>	Primary antibodies
<b>Lot #</b>	1818001	<b>Clonality</b>	Polyclonal
<b>Form</b>	Liquid (6.0 mL)	<b>Isotype</b>	IgG
<b>Host</b>	Rabbit	<b>Preservative</b>	≤ 0.09% sodium azide
<b>Reacts With</b>	Cat, Chick, Chicken, Dog, Ewe, Ferret, Gerbil, Guinea Pig, Hamster, Human, Monkey, Mouse, Pigeon, Rat, Zebra Finch, Zebrafish	<b>Antigen</b>	GFAP isolated from bovine spinal cord.

### INSTRUCTIONS

<b>Specificity</b>	<p>This product contains the immunoglobulin fraction of rabbit anti-GFAP serum. The antigen GFAP (M.W. 50 kD) was isolated from bovine spinal cord. In the central nervous system, the antiserum stains astrocytes and some groups of ependymal cells. Schwann cells, satellite cells and enteric glial cells stain in the peripheral nervous system. This antibody has been shown to react strongly with human GFAP as well as with GFAP from rat, mouse, guinea pig, hamster, kangaroo, sheep, cat and monkey. Weak staining of axons has been observed due to cross reaction with neurofilament protein.</p> <p>Refer to the Instruction Manual available online at <a href="http://www.immunostar.com">www.immunostar.com</a> for information on tissue preparation, immunostaining techniques, troubleshooting, and formulas.</p>
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### APPLICATION

<b>Performance</b>	Excellent staining results were obtained when rabbit anti-glial fibrillary acidic protein serum was tested using the following tissue, fixative and detection system.
<b>Tissue</b>	Human Brain and Astrocytoma, Rat Brain
<b>Fixation</b>	Formalin or 4% Paraformaldehyde/0.1M phosphate buffer, pH 7.4.
<b>Detection System</b>	This reagent is provided in ready-to-use, liquid form. It has been prediluted in 0.05 M Tris buffer, pH 7.6, containing protein carrier and 15 mM sodium azide as a preservative. The dilution is optimal for use with corresponding Avidin Biotin or Peroxidase Antiperoxidase reagents. The antibody may be usable at a higher dilution.

### NOTES

<b>Storage</b>	Store at 2°– 8°C until expiration date.
<b>Concentration</b>	Antibody concentration is .026 mg / mL.
<b>Journal References</b>	<a href="http://www.immunostar.com/publications">www.immunostar.com/publications</a>

*For Laboratory Reagent Use Only. Analytical and performance characteristics are not established.*

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