

# GFAP Polyclonal Antibody

<b>CATALOG #:</b>	3206-200
<b>AMOUNT:</b>	200 µg
<b>IMMUNOGEN:</b>	Synthetic peptide surrounding amino acid 300 of human GFAP
<b>INTERNAL ID#:</b>	BV-L40
<b>HOST:</b>	Rabbit
<b>SPECIES REACTIVITY:</b>	Human

## FORMULATION:

100 µg (0.5 mg/ml) affinity purified rabbit anti - GFAP polyclonal antibody in phosphate buffered saline (PBS), pH 7.2, containing 30% glycerol, 0.5% BSA, 5 mM EDTA and 0.01% thimerosal.

## STORAGE CONDITIONS:

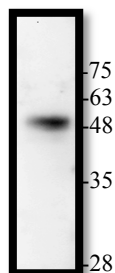
Store at -20°C. For long term storage, aliquot and freeze at -70°C. Avoid repeated freeze/thaw cycles.

## DESCRIPTION:

GFAP, Glial fibrillary acidic protein is an intermediate filament protein. It was found in astrocytes cells as a cell specific marker in the central nervous system development. GFAP is defective in Alexander disease. But it is highly expressed in Astrogliosis which is a result of some diseases, such as AIDS, dementia and inflammatory demyelination diseases.

## APPLICATION AND USAGE:

The antibody can be used in Western Blot analysis (4-10 µg/ml). However, the optimal concentrations should be determined individually. Blocking peptide (Cat.# 3206BP-50) is available separately.



**Cat.#: 3206-200 GFAP Antibody**  
Western blot analysis of GFAP using rat kidney tissue lysate.

**FOR RESEARCH USE ONLY! Not to be used on humans.**

## RELATED PRODUCTS:

### Apoptosis Detection Kits & Reagents

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- Caspase Assay Kits & Reagents
- Mitochondrial Apoptosis Kits & Reagents
- Nuclear Apoptosis Kits & Reagents
- Apoptosis Inducers and Set
- Apoptosis siRNA Vectors

### Cell Fractionation System

- Mitochondria/Cytosol Fractionation Kit
- Nuclear/Cytosol Fractionation Kit
- Membrane Protein Extraction Kit
- Cytosol/Particulate Rapid Separation Kit
- Mammalian Cell Extraction Kit
- FractionPREP Fractionation System

### Cell Proliferation & Senescence

- Quick Cell Proliferation Assay Kit
- Senescence Detection Kit
- High Throughput Apoptosis/Cell Viability Assay Kits
- LDH-Cytotoxicity Assay Kit
- Bioluminescence Cytotoxicity Assay Kit
- Live/Dead Cell Staining Kit

### Cell Damage & Repair

- HDAC Fluorometric & Colorimetric Assays & Drug Discovery Kits
- HAT Colorimetric Assay Kit & Reagents
- DNA Damage Quantification Kit
- Glutathione & Nitric Oxide Fluorometric & Colorimetric Assay Kits

### Signal Transduction

- cAMP & cGMP Assay Kits
- Akt & JNK Activity Assay Kits
- Beta-Secretase Activity Assay Kit

### Adipocyte & Lipid Transfer

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- CETP Activity Assay & Drug Discovery Kits
- PLTP Activity Assay & Drug Discovery Kits
- Total Cholesterol Quantification Kit

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- siRNA Vectors
- Cloning Insert Quick Screening Kit
- Mitochondrial & Genomic DNA Isolation Kits
- 5 Minutes DNA Ligation Kit
- 20 Minutes Gel Staining/Destaining Kit
- β-Galactosidase Staining Kit & Luciferase Reporter Assay Kit

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### Monoclonal and Polyclonal Antibodies