

Product datasheet for **AM06520SU-N**

GFAP Mouse Monoclonal Antibody [Clone ID: 6A6]

Product data:

Product Type:	Primary Antibodies
Clone Name:	6A6
Applications:	ELISA, IF, IHC, WB
Recommended Dilution:	ELISA: 1/10000. Western Blot: 1/500 - 1/2000. Immunofluorescence: 1/200 - 1/1000. Immunohistochemistry on Paraffin Sections: 1/200 - 1/1000.
Reactivity:	Human
Host:	Mouse
Isotype:	IgG1
Clonality:	Monoclonal
Immunogen:	Purified recombinant fragment of Human GFAP expressed in E. Coli.
Specificity:	Recognizes GFAP
Formulation:	State: Ascites State: Ascitic fluid containing 0.03% Sodium Azide.
Conjugation:	Unconjugated
Storage:	Store the antibody undiluted at 2-8°C for one month or (in aliquots) at -20°C for longer. Avoid repeated freezing and thawing.
Stability:	Shelf life: one year from despatch.
Predicted Protein Size:	50 kDa
Gene Name:	glial fibrillary acidic protein
Database Link:	Entrez Gene 2670 Human P14136



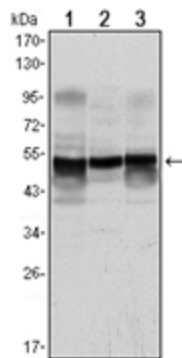
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Background:

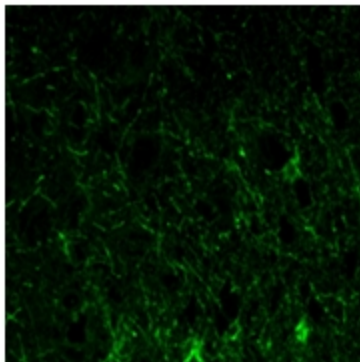
GFAP, a class-III intermediate filament, is a cell-specific marker that, during the development of the central nervous system, distinguishes astrocytes from other glial cells. Tissue specificity: Expressed in cells lacking fibronectin. ABCAM: It is heavily, and specifically, expressed in astrocytes and certain other astroglia in the central nervous system, in satellite cells in peripheral ganglia, and in non myelinating Schwann cells in peripheral nerves. In addition many types of brain tumor, presumably derived from astrocytic cells, heavily express GFAP. GFAP is also found in the lens epithelium, Kupffer cells of the liver, in some cells in salivary tumors and has been reported in erythrocytes.

Synonyms:

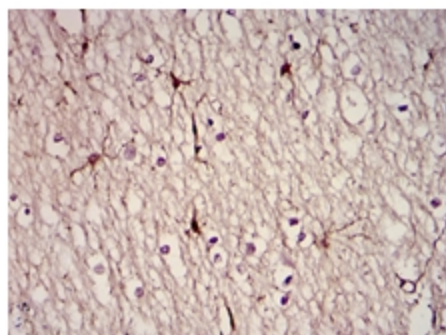
Glial Fibrillary Acidic Protein

Product images:


Western blot analysis using GFAP antibody Cat.-No AM06520SU-N against A431 (1), SK-N-SH (2) and PC12 (3) cell lysate.



Immunofluorescence analysis of paraffin-embedded lobe of brain tissues using GFAP antibody Cat.-No AM06520SU-N (green).



Immunohistochemical analysis of paraffin-embedded brain tissues using GFAP antibody Cat.-No AM06520SU-N with DAB staining