GFAP polyclonal antibody

Catalog # PAB14516 Size 500 uL

Specification

Product Description	Rabbit polyclonal antibody raised against GFAP.
Immunogen	Human GFAP.
Host	Rabbit
Reactivity	Bovine, Goat, Guinea pig, Human, Mouse, Pig, Rat, Sheep
Form	Liquid
Recommend Usage	Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) (1:50-1:200) Immunohistochemistry (Frozen sections) (1:50-1:200) The optimal working dilution should be determined by the end user.
Storage Buffer	In PBS, pH 7.4 (1% BSA, 0.05% sodium azide)
Storage Instruction	Store at 4°C.
Note	This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which shoul d be handled by trained staff only.

Applications

- Immunohistochemistry
- Immunocytochemistry

Gene Info — GFAP	
Entrez GenelD	2670
Gene Name	GFAP

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Product Information

Gene Alias	FLJ45472
Gene Description	glial fibrillary acidic protein
Omim ID	<u>137780 203450</u>
Gene Ontology	<u>Hyperlink</u>
Gene Summary	This gene encodes one of the major intermediate filament proteins of mature astrocytes. It is used as a marker to distinguish astrocytes from other glial cells during development. Mutations in this g ene cause Alexander disease, a rare disorder of astrocytes in the central nervous system. Alterna tive splicing results in multiple transcript variants encoding distinct isoforms. [provided by RefSeq
Other Designations	-

Publication Reference

• Effect of an acute 900MHz GSM exposure on glia in the rat brain: a time-dependent study.

Brillaud E, Piotrowski A, de Seze R. Toxicology 2007 Aug; 238(1):23.

Application: IHC, Rat, Rat brain

Role of glial filaments in cells and tumors of glial origin: a review.

Rutka JT, Murakami M, Dirks PB, Hubbard SL, Becker LE, Fukuyama K, Jung S, Tsugu A, Matsuzawa K. Journal of Neurosurgery 1997 Sep; 87(3):420.

Application: IF, Human, Human brains

Intermediate filaments: structure, dynamics, function, and disease.

Fuchs E, Weber K.

Annual Review of Biochemistry 1994 Jul; 63:345.

Disease

- Alzheimer disease
- <u>Cognition</u>