

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 should be handled by trained staff only.

Applications

- Immunohistochemistry
- Immunocytochemistry

Gene Info — GFAP

Entrez GeneID [2670](#)

Gene Name GFAP

Gene Alias	FLJ45472
Gene Description	glial fibrillary acidic protein
Omim ID	137780 203450
Gene Ontology	Hyperlink
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 gene cause Alexander disease, a rare disorder of astrocytes in the central nervous system. Alternative 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](#)
- [Cognition](#)