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Gfap antibody - N-terminal region

Rabbit Polyclonal Antibody
Catalog # AI13666

Product Information

Application	WB, IHC
Primary Accession	P03995
Other Accession	NM_010277, NP_034407
Reactivity	Human, Mouse, Rat, Rabbit, Pig, Dog, Guinea Pig, Horse, Bovine, Sheep
Predicted	Human, Mouse, Rat, Rabbit, Pig, Dog, Guinea Pig, Horse, Bovine
Host	Rabbit
Clonality	Polyclonal
Calculated MW	49900

Additional Information

Gene ID	14580
Alias Symbol	AI836096
Other Names	Glial fibrillary acidic protein, GFAP, Gfap
Format	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09% (w/v) sodium azide and 2% sucrose.
Reconstitution & Storage	Add 50 ul of distilled water. Final anti-Gfap antibody concentration is 1 mg/ml in PBS buffer with 2% sucrose. For longer periods of storage, store at 20°C. Avoid repeat freeze-thaw cycles.
Precautions	Gfap antibody - N-terminal region is for research use only and not for use in diagnostic or therapeutic procedures.

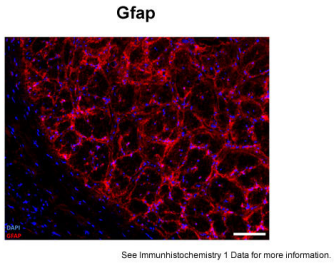
Protein Information

Name	Gfap
Function	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.
Cellular Location	Cytoplasm {ECO:0000250|UniProtKB:P14136}. Note=Associated with intermediate filaments {ECO:0000250|UniProtKB:P14136}
Tissue Location	Brain; isoform 2 expressed at 20-fold lower level than isoform 1.

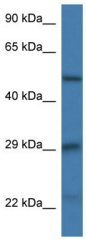
References

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Carninci P.,et al.Science 309:1559-1563(2005).
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Sheng J.,et al.Submitted (APR-2003) to the EMBL/GenBank/DDBJ databases.
Ralton J.E.,et al.J. Cell Sci. 107:1935-1948(1994).

Images



Sample Type: human optic nerve head (frozen) Blue: DAPI Red: Gfap Primary Dilution: 1:250 Image Submitted by: Geraint Parfitt Gavin Herbert Eye Institute See Customer Feedback tab for detailed information.



Gfap antibody - N-terminal region (AI13666) validated by WB using Mouse Thymus at 1µg/ml.

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.