

# Gfap antibody - N-terminal region

Rabbit Polyclonal Antibody

Catalog # AI13666

## Product Information

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<b>Application</b>	WB, IHC
<b>Primary Accession</b>	<a href="#">P03995</a>
<b>Other Accession</b>	<a href="#">NM_010277</a> , <a href="#">NP_034407</a>
<b>Reactivity</b>	Human, Mouse, Rat, Rabbit, Pig, Dog, Guinea Pig, Horse, Bovine, Sheep
<b>Predicted</b>	Human, Mouse, Rat, Rabbit, Pig, Dog, Guinea Pig, Horse, Bovine
<b>Host</b>	Rabbit
<b>Clonality</b>	Polyclonal
<b>Calculated MW</b>	49900

## Additional Information

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<b>Gene ID</b>	14580
<b>Alias Symbol</b>	AI836096
<b>Other Names</b>	Glial fibrillary acidic protein, GFAP, Gfap
<b>Format</b>	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09% (w/v) sodium azide and 2% sucrose.
<b>Reconstitution &amp; Storage</b>	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.
<b>Precautions</b>	Gfap antibody - N-terminal region is for research use only and not for use in diagnostic or therapeutic procedures.

## Protein Information

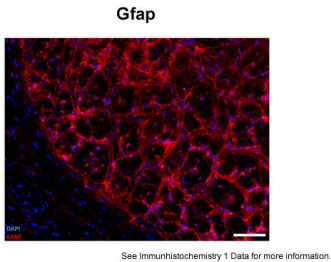
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<b>Name</b>	Gfap
<b>Function</b>	GFAP, a class-III intermediate filament, is a cell-specific marker that, during the development of the central nervous system, distinguishes astrocytes from other glial cells.
<b>Cellular Location</b>	Cytoplasm {ECO:0000250 UniProtKB:P14136}. Note=Associated with intermediate filaments {ECO:0000250 UniProtKB:P14136}
<b>Tissue Location</b>	Brain; isoform 2 expressed at 20-fold lower level than isoform 1.

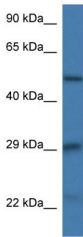
# References

Balcarek J.M.,et al.Nucleic Acids Res. 13:5527-5543(1985).  
Carninci P.,et al.Science 309:1559-1563(2005).  
Church D.M.,et al.PLoS Biol. 7:E1000112-E1000112(2009).  
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'.