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Gfap antibody - N-terminal region
Rabbit Polyclonal Antibody
Catalog # AI13666

Specification

Gfap antibody - N-terminal region - Product Information

Application	**IHC, WB**
Primary Accession	P03995
Other Accession	NM_010277, NP_034407
Reactivity	**Human, Mouse, Rat, Rabbit, Pig, Sheep, Horse, Bovine, Guinea Pig, Dog**
Predicted	**Human, Mouse, Rat, Rabbit, Pig, Horse, Bovine, Guinea Pig, Dog**
Host	**Rabbit**
Clonality	**Polyclonal**
Calculated MW	**46kDa KDa**

Gfap antibody - N-terminal region - 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.

Gfap antibody - N-terminal region - 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}

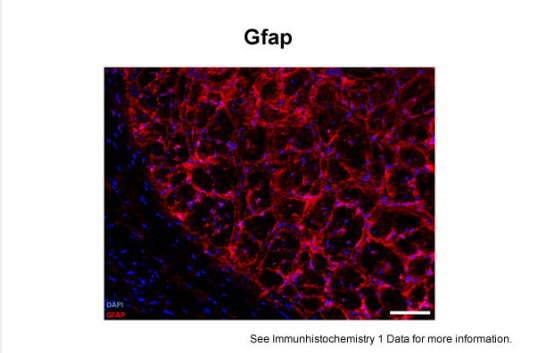
Tissue Location
Brain; isoform 2 expressed at 20-fold lower level than isoform 1.

Gfap antibody - N-terminal region - Protocols

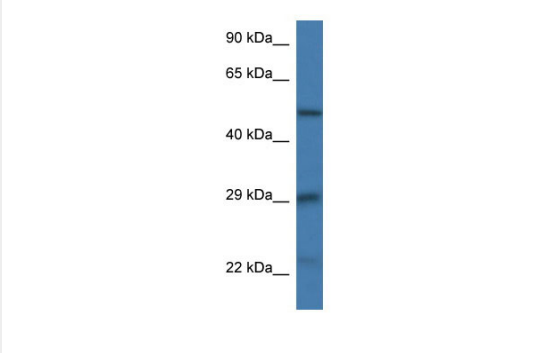
Provided below are standard protocols that you may find useful for product applications.

- Western Blot
- Blocking Peptides
- Dot Blot
- Immunohistochemistry
- Immunofluorescence
- Immunoprecipitation
- Flow Cytomety
- Cell Culture

Gfap antibody - N-terminal region - Images



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



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

Gfap antibody - N-terminal region - 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).