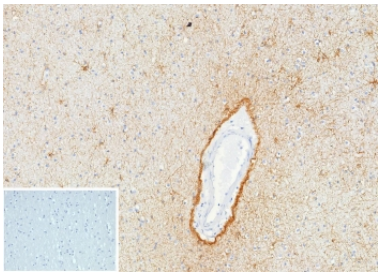
GFAP Antibody / Glial Fibrillary Acidic Protein [clone GFAP/9424] (V5715)

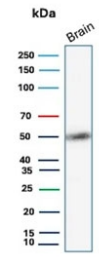
Catalog No.	Formulation	Size
V5715-100UG	0.2 mg/ml in 1X PBS with 0.1 mg/ml BSA (US sourced), 0.05% sodium azide	100 ug
V5715-20UG	0.2 mg/ml in 1X PBS with 0.1 mg/ml BSA (US sourced), 0.05% sodium azide	20 ug
V5715SAF-100UG	1 mg/ml in 1X PBS; BSA free, sodium azide free	100 ug

Bulk quote request

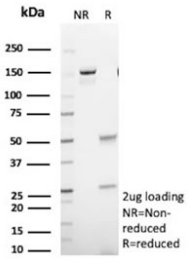
Availability	1-3 business days
Species Reactivity	Human
Format	Purified
Host	Mouse
Clonality	Monoclonal (mouse origin)
Isotype	Mouse IgG1, kappa
Clone Name	GFAP/9424
Purity	Protein G affinity
UniProt	P14136
Localization	Cytoplasm
Applications	Immunohistochemistry (FFPE) : 1-2ug/ml Western Blot : 2-4ug/ml
Limitations	This GFAP antibody is available for research use only.



IHC staining of FFPE human brain tissue with GFAP antibody (clone GFAP/9424). Inset: PBS used in place of primary Ab (secondary Ab negative control). HIER: boil tissue sections in pH 9 10mM Tris with 1mM EDTA for 20 min and allow to cool before testing.



Western blot testing of human brain tissue with GFAP antibody (clone GFAP/9424). Predicted molecular weight ~50 kDa.



SDS-PAGE analysis of purified, BSA-free GFAP antibody (clone GFAP/9424) as confirmation of integrity and purity.

Description

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. [UniProt]

Application Notes

Optimal dilution of the GFAP antibody should be determined by the researcher.

Immunogen

A recombinant full-length human GFAP protein was used as the immunogen for the GFAP antibody.

Storage

Aliquot the GFAP antibody and store frozen at -20oC or colder. Avoid repeated freeze-thaw cycles.

Ordering: Phone: 858.663.9055 | Fax: 1.267.821.0800 | Email: info@nsjbio.com