

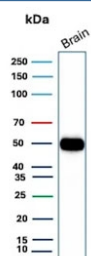
GFAP Antibody / Glial Fibrillary Acidic Protein [clone GFAP/8616R] (V4513)

Catalog No.	Formulation	Size
V4513-100UG	0.2 mg/ml in 1X PBS with 0.1 mg/ml BSA (US sourced), 0.05% sodium azide	100 ug
V4513-20UG	0.2 mg/ml in 1X PBS with 0.1 mg/ml BSA (US sourced), 0.05% sodium azide	20 ug
V4513SAF-100UG	1 mg/ml in 1X PBS; BSA free, sodium azide free	100 ug

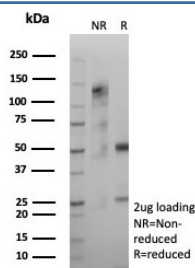
Recombinant **RABBIT MONOCLONAL**

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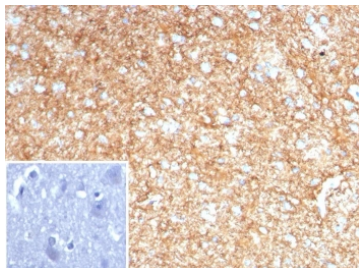
Availability	1-3 business days
Species Reactivity	Human
Format	Purified
Clonality	Recombinant Rabbit Monoclonal
Isotype	Rabbit IgG, kappa
Clone Name	GFAP/8616R
Purity	Protein A/G affinity
UniProt	P14136
Localization	Cytoplasm
Applications	Immunohistochemistry (FFPE) : 1-2ug/ml for 30 minutes at RT Western Blot : 2-4ug/ml
Limitations	This GFAP antibody is available for research use only.



Western blot testing of human brain tissue with GFAP antibody. Predicted molecular weight ~50 kDa.



SDS-PAGE analysis of purified, BSA-free GFAP antibody (clone GFAP/8616R) as confirmation of integrity and purity.



IHC staining of FFPE human brain tissue with GFAP antibody (clone GFAP/8616R). 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.

Description

GFAP is specifically found in astroglia. GFAP is a very popular marker for localizing benign astrocyte and neoplastic cells of glial origin in the central nervous system. Antibody to GFAP is useful in differentiating primary gliomas from metastatic lesions in the brain and for documenting astrocytic differentiation in tumors outside the CNS.

Application Notes

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

Immunogen

A recombinant partial protein sequence (within amino acids 150-350) from the human protein was used as the immunogen for the GFAP antibody.

Storage

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