

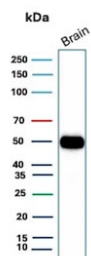
## GFAP Antibody / Glial Fibrillary Acidic Protein [clone GFAP/8616R] (V4513)

| 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 |

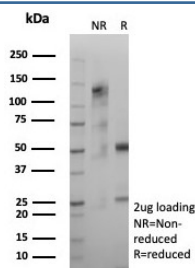
Recombinant **RABBIT MONOCLONAL**

[Bulk quote request](#)

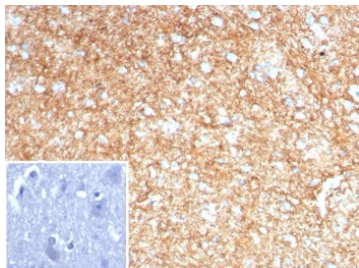
|                    |                                                                                        |
|--------------------|----------------------------------------------------------------------------------------|
| Availability       | 1-3 business days                                                                      |
| 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<br>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 -20oC or colder. Avoid repeated freeze-thaw cycles.