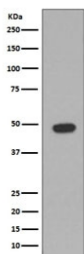


GFAP Antibody / Glial Fibrillary Acidic Protein [clone ECO-7] (RQ5420)

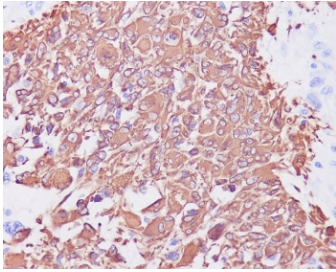
| Catalog No. | Formulation | Size |
|-------------|--|--------|
| RQ5420 | Antibody in PBS with 0.02% sodium azide, 50% glycerol and 0.4-0.5mg/ml BSA | 100 ul |

[Bulk quote request](#)

| | |
|--------------------|---|
| Availability | 1-2 weeks |
| Species Reactivity | Human, Rat |
| Format | Purified |
| Host | Rabbit |
| Clonality | Rabbit Monoclonal |
| Isotype | Rabbit IgG |
| Clone Name | ECO-7 |
| Purity | Affinity purified |
| UniProt | P14136 |
| Localization | Cytoplasmic |
| Applications | Western Blot : 1:500-1:2000 Immunohistochemistry (FFPE) : 1:50-1:200 |
| Limitations | This GFAP antibody is available for research use only. |



Western blot testing of rat brain lysate with GFAP antibody. Predicted molecular weight ~50 kDa.



IHC staining of FFPE human glioma with GFAP antibody. HIER: boil tissue sections in pH6, 10mM citrate buffer, for 10-20 min and allow to cool before testing.

Description

This gene encodes one of the major intermediate filament proteins of mature astrocytes. It is used as a marker to distinguish astrocytes from other glial cells during development. Mutations in this gene cause Alexander disease, a rare disorder of astrocytes in the central nervous system. Alternative splicing results in multiple transcript variants encoding distinct isoforms. [RefSeq]

Application Notes

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

Immunogen

A synthetic peptide specific to human GFAP was used as the immunogen for the GFAP antibody.

Storage

Store the GFAP antibody at -20oC.