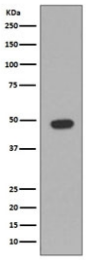
GFAP Antibody / Glial Fibrillary Acidic Protein [clone ECO-7] (RQ5420)

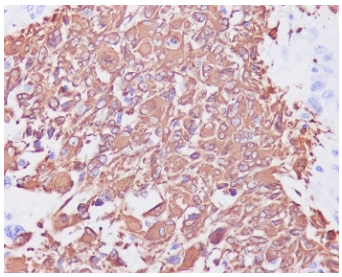
Catalog No.	Formulation	Size
RQ5420	Antibody in PBS with 0.02% sodium azide, 50% glycerol and 0.4-0.5mg/ml BSA	100 ul

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.

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

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