**German Research Products - GRP GmbH** 

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## **Product Datasheet**

## **GFAP** antibody GRP97

**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.

[provided by RefSeq]

Species/Host Rabbit

Reactivity Human, Mouse, Rat

Conjugation Unconjugated

Tested Applications ICC, IF, IHC-Fr, IHC-P, WB

Immunogen Recombinant protein encompassing a sequence within the cente

region of human GFAP. The exact sequence is proprietary.

Form/Appearance Liquid: 1XPBS, 20% Glycerol (pH7). 0.025% ProClin 300 was

added as a preservative.

Concentration 1.72 mg/ml

Storage Store as concentrated solution. Centrifuge briefly prior to opening

vial. For short-term storage (1-2 weeks), store at 4°C. For long-term storage, aliquot and store at -20°C or below. Avoid

multiple freeze-thaw cycles.

**Note** For research use only.

**Isotype** IgG

**Clonality** Polyclonal

**Purity** Purified by antigen-affinity chromatography.

Uniprot ID P14136

Entrez 2670

**Dilution Range** WB: 1:500-1:3000,ICC: 1:100-1:1000,IHC-P: 1:100-1:1000,IHC-Fr:

1:100-1:1000



GFAP antibody detects
GFAP
protein expression in
astrocytes/glia cells on
mouse
brain by
immunohistochemical
analysis. Sample:
Paraffin-embedded mouse
brain.
GFAP antibody (GRP549)
diluted
at 1:500.



**GFAP** 

protein expression in astrocytes/glia cells on rat brain by immunohistochemical analysis. Sample: Paraffin-embedded rat brain. GFAP antibody (GRP549) diluted at 1:500.