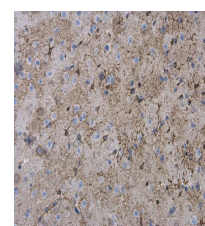


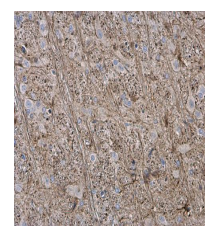
## Product Datasheet

### GFAP antibody GRP97

|                            |  |
|----------------------------|--|
| <b>Description</b>         | 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] |
| <b>Species/Host</b>        | Rabbit   |
| <b>Reactivity</b>          | Human, Mouse, Rat  |
| <b>Conjugation</b>         | Unconjugated   |
| <b>Tested Applications</b> | ICC, IF, IHC-Fr, IHC-P, WB   |
| <b>Immunogen</b>           | Recombinant protein encompassing a sequence within the centre region of human GFAP. The exact sequence is proprietary.   |
| <b>Form/Appearance</b>     | Liquid: 1XPBS, 20% Glycerol (pH7). 0.025% ProClin 300 was added as a preservative.   |
| <b>Concentration</b>       | 1.72 mg/ml   |
| <b>Storage</b>             | 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.   |
| <b>Note</b>                | For research use only.   |
| <b>Isotype</b>             | IgG  |
| <b>Clonality</b>           | Polyclonal   |
| <b>Purity</b>              | Purified by antigen-affinity chromatography.   |
| <b>Uniprot ID</b>          | <b>P14136</b>  |
| <b>Entrez</b>              | <b>2670</b>  |
| <b>Dilution Range</b>      | 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 antibody detects 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.