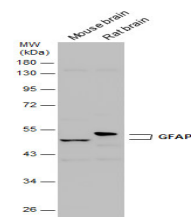


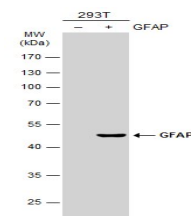
## Product Datasheet

### GFAP antibody GRP124

<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>	1.13 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: 1:5000-1:50000, ICC: 1:100-1:1000, IHC-P: 1:100-1:1000, IHC-Fr: 1:100-1:1000



Various tissue extracts (50 ?g) were separated by 10% SDS-PAGE, and the membrane was blotted with GFAP antibody (GRP576) diluted at 1:50000.



Non-transfected (â€“) and transfected (+) 293T whole cell extracts (30 ?g) were separated by 10% SDS-PAGE, and the membrane was blotted with GFAP antibody (GRP576) diluted at 1:20000. The HRP-conjugated anti-rabbit IgG antibody was used to detect the