

Source

Polyclonal GFAP Antibody, Rabbit IgG is a polyclonal antibody purified from rabbit serum.
 Gene Synonyms: glial fibrillary acidic protein.

Species

Rabbit

Isotype

Rabbit IgG

Antibody Type

Polyclonal Antibody

Immunogen

Mouse GFAP fragment fused to GST.

Specificity

This product is a specific antibody specifically reacts with GFAP.

Application

Application	Recommended Usage
IF	1:200~500

Purification

Protein A purified / Protein G purified

Formulation

Supplied as 0.2 μm filtered solution in pH7.4, PBS, 50 mM Tris, 50 Mm Glycine with 40% glycerol as protectant.

 Contact us for customized product form or formulation.

Shipping

This product is supplied and shipped with dry ice, please inquire the shipping cost.

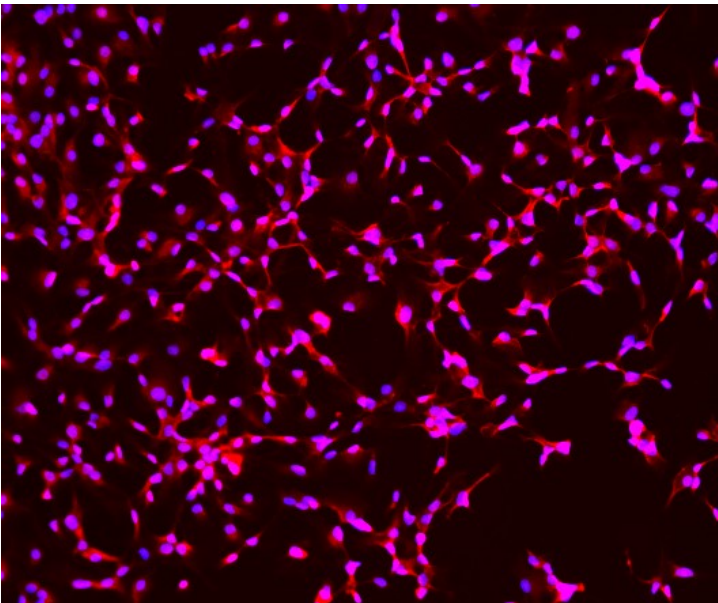
Storage

Please avoid repeated freeze-thaw cycles.

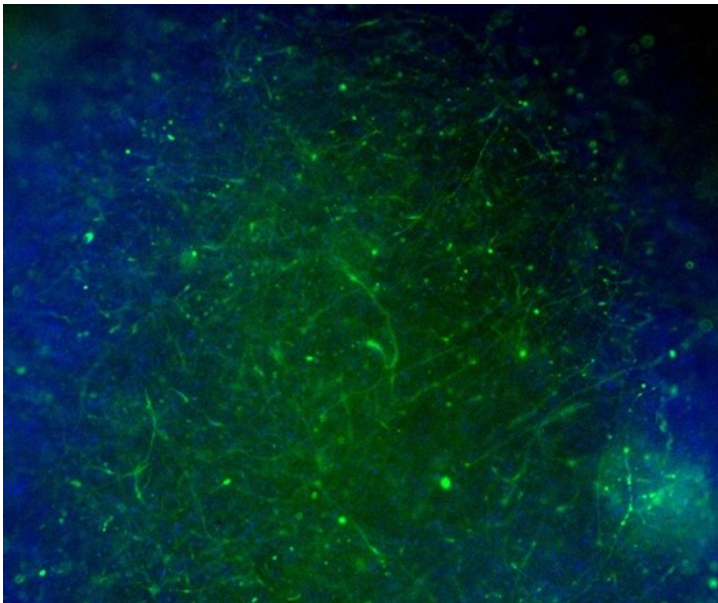
This product is stable after storage at:

- Shipped at -20°C. Store at -20°C for 20 months;
- Shipped at -20°C. Store at -70°C for 3 years.

Immunostaining



2D cell staining: Immunofluorescent staining (10X) of cerebral organoid-derived neurons (CIPO-BWL001K) labeling GFAP (Red) with purified GFP-S453 at 1:200 dilution. DAPI (blue) was used as nuclear counterstain.



3D organoid staining: Immunofluorescent staining (10X) of cerebral organoid (CIPO-BWL001K) labeling GFAP (Green) with purified GFP-S453 at 1:200 dilution. DAPI (blue) was used as nuclear counterstain.

Discounts, Gifts,
 and more!



Polyclonal GFAP Antibody, Rabbit IgG

Catalog # GFP-S453



Background

The glial fibrillary acidic protein (GFAP) is the main intermediate filament protein in mature astrocytes, but also an important component of the cytoskeleton in astrocytes during development. GFAP has been shown to be involved in astrocyte functions, which are important during regeneration, synaptic plasticity and reactive gliosis. It is used as a marker to distinguish astrocytes from other glial cells during development.

Middeldorp J, Hol EM. Prog Neurobiol. 2011;93(3):421-43. doi: 10.1016/j.pneurobio.2011.01.005.

General Notes: FOR RESEARCH USE ONLY.

