

Glial Fibrillary Acidic Protein (GFAP) (PT0129R) Rabbit mAb (Ready to Use)

CatalogNo: YM7125R **Recombinant R**

Key Features

Host Species

- Rabbit

Reactivity

- Human,Rat,

Applications

- IHC

Isotype

- IgG1,Kappa

Recommended Dilution Ratios

Ready to use for IHC

Storage

Storage* 2°C to 8°C/1 year

Formulation The prediluted ready-to-use antibody is diluted in phosphate buffer saline containing stabilizing protein and 0.05% Proclin 300

Basic Information

Clonality Monoclonal

Clone Number PT0129R

Immunogen Information

Immunogen Synthesized peptide derived from human Glial Fibrillary Acidic Protein (GFAP) AA range:300-432

Specificity This antibody detects endogenous levels of GFAP

Target Information

Gene name GFAP

Protein Name Glial fibrillary acidic protein (GFAP)

Organism	Gene ID	UniProt ID
Human	2670 ;	P14136 ;

Cellular Localization Cytoplasmic

Tissue specificity Expressed in cells lacking fibronectin.

Function alternative products:Isoforms differ in the C-terminal region which is encoded by alternative exons,disease:Defects in GFAP are a cause of Alexander disease (ALEXD) [MIM:203450]. Alexander disease is a rare disorder of the central nervous system. It is a progressive leukoencephalopathy whose hallmark is the widespread accumulation of Rosenthal fibers which are cytoplasmic inclusions in astrocytes. The most common form affects infants and young children, and is characterized by progressive failure of central myelination, usually leading to death usually within the first decade. Infants with Alexander disease develop a leukoencephalopathy with macrocephaly, seizures, and psychomotor retardation. Patients with juvenile or adult forms typically experience ataxia, bulbar signs and spasticity, and a more slowly progressive course.,function:GFAP, a class-III intermediate filament, is a cell-specific marker that, during the development of the central nervous system, distinguishes astrocytes from other glial cells.,online information:GFAP entry,similarity:Belongs to the intermediate filament family.,subcellular location:Associated with intermediate filaments.,subunit:Interacts with SYNM (By similarity). Isoform 3 interacts with PSEN1 (via N-terminus).,tissue specificity:Expressed in cells lacking fibronectin.,

Validation Data

Contact information

Orders: order.cn@immunoway.com
Support: support.cn@immunoway.com
Telephone: 408-747-0189 (USA) 400-8787-807(China)
Website: <http://www.immunoway.com.cn>
Address: 2200 Ringwood Ave San Jose, CA 95131 USA



Please scan the QR code to access additional product information:
Glial Fibrillary Acidic Protein (GFAP) (PT0129R) Rabbit mAb (Ready to Use)