

Recombinant Human GFAP protein ab151370

描述		
产品名称	重组人GFAP蛋白	
纯度	> 95 % SDS-PAGE.	
内毒素水平	< 1.000 Eu/μg	
表达系统	Escherichia coli	
Accession	<u>P14136</u>	
蛋白长度	Protein fragment	
无动物成分	No	
性质	Recombinant	
种属	Human	
序列	MGSSHHHHHHSSGLVPRGSHMLTCDLES LRGTNESLERQMRE QEERHVRE AASYQEALARLEEEGQSLKDEMARHLQEYQDLLNVKLALDIE IATYRKLL EGEENRITIPVQTFSNLQIRETSLDTKSVSEGH LKRNIVVKT VEMRDGEV IKESKQE HKDVM	
预测分子量	19 kDa including tags	
氨基酸	292 to 432	
标签	His tag N-Terminus	

技术指标		
Our <b>Abpromise guarantee</b> covers the use of <b>ab151370</b> in the following tested applications.		
The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.		
应用	SDS-PAGE	
形式	Lyophilized	

制备和贮存		
稳定性和存储	Shipped at 4°C. Store at -80°C.	
	pH: 7.4	
	Constituents: 99% Phosphate Buffer, 0.88% Sodium chloride	

<b>复溶</b>	Always centrifuge tubes before opening. Do not mix by vortex or pipetting. It is not recommended to reconstitute to a concentration less than 100 µg/ml. Dissolve the lyophilized protein in 1X PBS. Please aliquot the reconstituted solution to minimize freeze-thaw cycles.
<b>常规信息</b>	
<b>功能</b>	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.
<b>组织特异性</b>	Expressed in cells lacking fibronectin.
<b>疾病相关</b>	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.
<b>序列相似性</b>	Belongs to the intermediate filament family.
<b>翻译后修饰</b>	Phosphorylated by PKN1.
<b>细胞定位</b>	Cytoplasm. Associated with intermediate filaments.

**Please note:** All products are "FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC PROCEDURES"

### Our Abpromise to you: Quality guaranteed and expert technical support

- Replacement or refund for products not performing as stated on the datasheet
- Valid for 12 months from date of delivery
- Response to your inquiry within 24 hours
- We provide support in Chinese, English, French, German, Japanese and Spanish
- Extensive multi-media technical resources to help you
- We investigate all quality concerns to ensure our products perform to the highest standards

If the product does not perform as described on this datasheet, we will offer a refund or replacement. For full details of the Abpromise, please visit <https://www.abcam.cn/abpromise> or contact our technical team.

### Terms and conditions

- Guarantee only valid for products bought direct from Abcam or one of our authorized distributors