

Anti-GFAP antibody ab16997

★★★★★ **1 Abreviews** **57 References** **画像数 3**

製品の概要

製品名	Anti-GFAP antibody
製品の詳細	Rabbit polyclonal to GFAP
由来種	Rabbit
アプリケーション	適用あり: ICC, IHC-P
種交差性	交差種: Mouse, Human
免疫原	Full length native protein (purified) corresponding to Cow GFAP. Isolated from cow spinal cord.
特記事項	<p>In the central nervous system, this antibody stains astrocytes and some groups of ependymal cells. However, in the peripheral nervous system, it stains Schwann cells, satellite cells and enteric glial cells.</p> <p>The Life Science industry has been in the grips of a reproducibility crisis for a number of years. Abcam is leading the way in addressing this with our range of recombinant monoclonal antibodies and knockout edited cell lines for gold-standard validation. Please check that this product meets your needs before purchasing.</p> <p>If you have any questions, special requirements or concerns, please send us an inquiry and/or contact our Support team ahead of purchase. Recommended alternatives for this product can be found below, along with publications, customer reviews and Q&As</p>

製品の特性

製品の状態	Liquid
保存方法	Shipped at 4°C. Store at +4°C short term (1-2 weeks). Store at -20°C or -80°C. Avoid freeze / thaw cycle.
バッファー	<p>pH: 7.3</p> <p>Preservative: 0.05% Sodium azide</p> <p>Constituent: 1% BSA</p>
精製度	IgG fraction
一次抗体 備考	In the central nervous system, this antibody stains astrocytes and some groups of ependymal cells. However, in the peripheral nervous system, it stains Schwann cells, satellite cells and enteric glial cells.
ポリ/モノ	ポリクローナル

アプリケーション

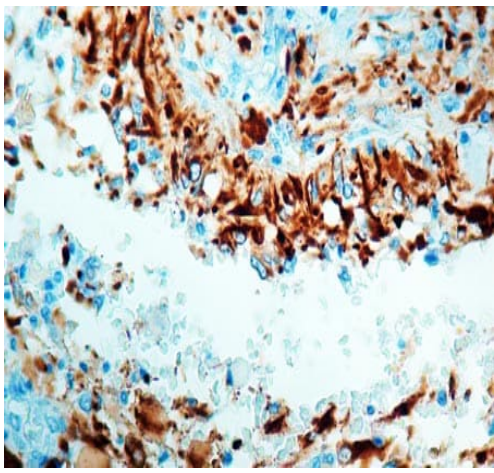
The Abpromise guarantee Abpromise保証は、次のテスト済みアプリケーションにおけるab16997の使用に適用されます
アプリケーションノートには、推奨の開始希釈率がありますが、適切な希釈率につきましてはご検討ください。

アプリケーション	Abreviews	特記事項
ICC		1/100.
IHC-P	★★★★★ (1)	1/50 - 1/250.

ターゲット情報

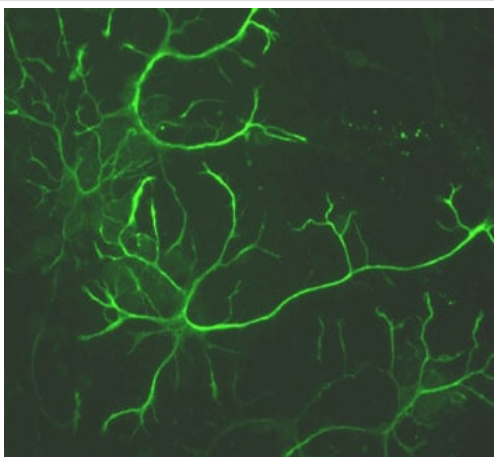
機能	GFAP, a class-III intermediate filament, is a cell-specific marker that, during the development of the central nervous system, distinguishes astrocytes from other glial cells.
組織特異性	Expressed in cells lacking fibronectin.
関連疾患	Defects in GFAP are a cause of Alexander disease (ALEXD) [MIM:203450]. 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.
配列類似性	Belongs to the intermediate filament family.
翻訳後修飾	Phosphorylated by PKN1.
細胞内局在	Cytoplasm. Associated with intermediate filaments.

画像



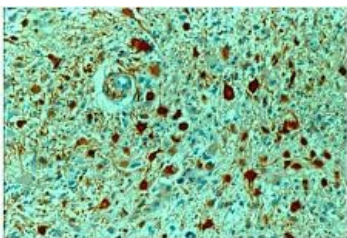
Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-GFAP antibody (ab16997)

Immunohistochemical analysis of formalin-fixed, paraffin-embedded human brain tissue, staining GFAP with ab16997.



Immunocytochemistry - Anti-GFAP antibody (ab16997)
Photo courtesy of QBMCellScience

Mouse cortical primary astrocytes stained for GFAP using ab16997 at a dilution of 1/100 in ICC/IF.



Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-GFAP antibody (ab16997)

Formalin-fixed, paraffin-embedded section of human brain stained with antibodies to GFAP. Cytoplasmic staining of glia is shown in red.

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