


Anti-GFAP antibody ab53554

★★★★★ [24 Abreviews](#) [320 References](#) [画像数 2](#)

製品の概要

製品名	Anti-GFAP antibody
製品の詳細	Goat polyclonal to GFAP
由来種	Goat
アプリケーション	適用あり: WB
種交差性	交差種: Mouse, Rat, Human 交差が予測される動物種: Dog 
免疫原	Synthetic peptide corresponding to Human GFAP aa 400 to the C-terminus (C terminal) (Cysteine residue). Database link: P14136-1 Run BLAST with Run BLAST with
ポジティブ・コントロール	WB: Human cerebellum lysates. Mouse and rat brain lysates.
特記事項	<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. Upon delivery aliquot and store at -20°C. Avoid freeze / thaw cycles.
バッファー	pH: 7.30 Preservative: 0.02% Sodium azide Constituents: 0.5% BSA, 0.5% Tris
精製度	Immunogen affinity purified
特記事項 (精製)	Purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide.
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ab53554の使用に適用されず**

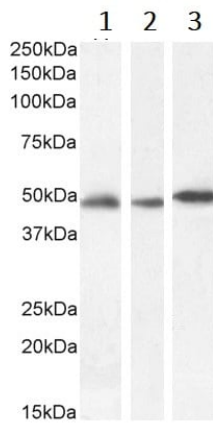
アプリケーションノートには、推奨の開始希釈率がありますが、適切な希釈率につきましてはご検討ください。

アプリケーション	Abreviews	特記事項
WB	★★★★★ (3)	Use a concentration of 0.001 - 0.1 µg/ml. Detects a band of approximately 50 kDa (predicted molecular weight: 50 kDa). A 1 hour primary incubation is recommended for this product. We recommend blocking in milk (3% milk in TBST) for 1 hour at room temperature.

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



Western blot - Anti-GFAP antibody (ab53554)

Lane 1 : Anti-GFAP antibody (ab53554) at 0.001 µg/ml

Lane 2 : Anti-GFAP antibody (ab53554) at 0.1 µg/ml

Lane 3 : Anti-GFAP antibody (ab53554) at 0.03 µg/ml

Lane 1 : Human Cerebellum tissue lysate

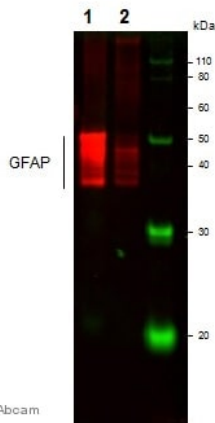
Lane 2 : Mouse brain tissue lysate

Lane 3 : Rat brain tissue lysate

Lysates/proteins at 35 µg per lane.

Predicted band size: 50 kDa

Lysate in RIPA buffer. Detected by chemiluminescence



Western blot - Anti-GFAP antibody (ab53554)

This image was courtesy of an anonymous Abreview

All lanes : Anti-GFAP antibody (ab53554) at 1/1000 dilution

All lanes : Human Tissue lysate - other (Frontal Cortex)

Lysates/proteins at 30 µg per lane.

Secondary

All lanes : Donkey anti-goat IRDye 800CW conjugated Li-Cor IRdye

Predicted band size: 50 kDa

Observed band size: 40-50 kDa

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

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