abcam

Product datasheet

Anti-GFAP antibody [ZRF-1] ab154474

5 References 2 图像

概述

产品名称	Anti-GFAP抗体[ZRF-1]
描述	小鼠单克隆抗体[ZRF-1] to GFAP
宿主	Mouse
经测试应用	**适用于:** WB, IP
种属反应性	**与反应:** Human, Zebrafish **不与反应:** Mouse, Rat
免疫原	Tissue, cells or virus. This information is considered to be commercially sensitive.
阳性对照	Human brain and Zebrafish brain homogenates.
常规说明	This antibody clone is manufactured by Abcam. If you require a custom buffer formulation or conjugation for your experiments, please contact **orders@abcam.com**. 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. 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 Product was previously marketed under the MitoSciences sub-brand.

性能

形式	Liquid
存放说明	Shipped at 4°C. Store at +4°C short term (1-2 weeks). Store at -20°C or -80°C. Avoid freeze / thaw cycle.
存储溶液	pH: 7.5 Preservative: 0.02% Sodium azide Constituent: 99% HEPES buffered saline
纯化说明	Near homogeneity as judged by SDS-PAGE. ab154474 was produced in vitro using hybridomas grown in serum-free medium, and then concentrated by chemical fractionation.
克隆	单克隆

克隆编号	ZRF-1
同种型	IgG1
轻链类型	lambda

应用

The Abpromise guarantee **Abpromise™承诺保证使用ab154474于以下的经测试应用**

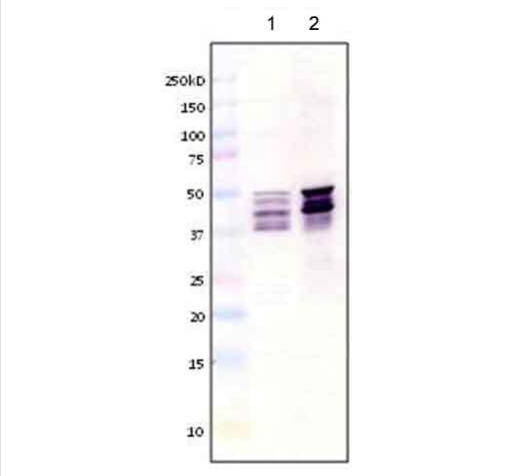
"应用说明"部分 下显示的仅为推荐的起始稀释度;实际最佳的稀释度/浓度应由使用者检定。

应用	Ab评论	说明
WB		Use a concentration of 0.5 µg/ml. Predicted molecular weight: 51 kDa.
IP		Use at an assay dependent concentration.

靶标

功能	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.
组织特异性	Expressed in cells lacking fibronectin.
疾病相关	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.
序列相似性	Belongs to the intermediate filament family.
翻译后修饰	Phosphorylated by PKN1.
细胞定位	Cytoplasm. Associated with intermediate filaments.

图片



Western blot - Anti-GFAP antibody [ZRF-1] (ab154474)

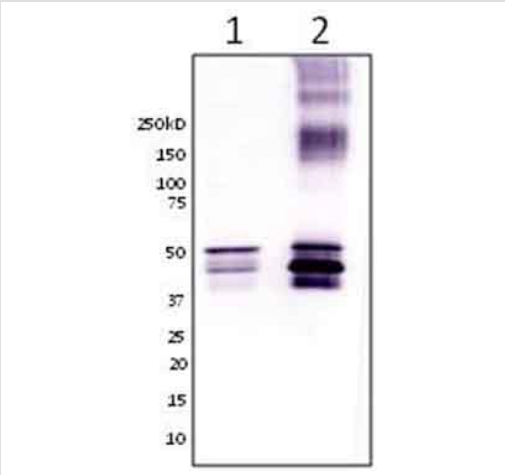
All lanes : Anti-GFAP antibody [ZRF-1] (ab154474) at 0.5 µg/ml

Lane 1 : Human Brain Homogenate lysate
Lane 2 : Zebrafish Brain Homogenate lysate

Lysates/proteins at 10 µg per lane.

Secondary
All lanes : Goat polyclonal to Mouse IgG - AP at 1/3000 dilution

Predicted band size: 51 kDa



Immunoprecipitation - Anti-GFAP antibody [ZRF-1] (ab154474)

Immunoprecipitation Western Blot for ab154474.
All lanes: ab154474 at 0.5 µg/ml.
Lane 1: Zebrafish Brain Homogenate lysate 10 µg
Lane 2: GFAP immunoprecipitated from 1 mg Zebrafish Brain Homogenate lysate 25µl.
Secondary: Goat polyclonal to Mouse IgG - AP at 1/3000 dilution.

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