


Anti-Myelin PLP antibody ab105784

★★★★★ [10 Abreviews](#) [14 References](#) [2 图像](#)

概述

产品名称	Anti-Myelin PLP抗体
描述	兔多克隆抗体to Myelin PLP
宿主	Rabbit
经测试应用	适用于: IHC-Fr, WB
种属反应性	与反应: Mouse, Rat 预测可用于: Rabbit, Goat, Chicken, Cow, Cat, Dog, Human, Pig, Xenopus laevis, Common marmoset, Orangutan 
免疫原	Synthetic peptide corresponding to Rat Myelin PLP aa 1-100 conjugated to keyhole limpet haemocyanin. (Peptide available as ab124616)
常规说明	<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>

性能

形式	Liquid
存放说明	Shipped at 4°C. Store at +4°C short term (1-2 weeks). Upon delivery aliquot. Store at -20°C or -80°C. Avoid freeze / thaw cycle.
存储溶液	pH: 7.40 Preservative: 0.02% Sodium azide Constituent: PBS
纯度	Batches of this product that have a concentration < 1mg/ml may have BSA added as a stabilising agent. If you would like information about the formulation of a specific lot, please contact our scientific support team who will be happy to help. Immunogen affinity purified

克隆

多克隆

同种型

IgG

应用

The Abpromise guarantee

Abpromise™承诺保证使用ab105784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
IHC-Fr	★★★★★ (2)	Use at an assay dependent concentration.
WB		Use a concentration of 1 µg/ml. Detects a band of approximately 34 kDa (predicted molecular weight: 30 kDa).

靶标

功能

This is the major myelin protein from the central nervous system. It plays an important role in the formation or maintenance of the multilamellar structure of myelin.

疾病相关

Defects in PLP1 are the cause of leukodystrophy hypomyelinating type 1 (HLD1) [MIM:312080]; also known as Pelizaeus-Merzbacher disease. HLD1 is an X-linked recessive dysmyelinating disorder of the central nervous system in which myelin is not formed properly. It is characterized clinically by nystagmus, spastic quadriplegia, ataxia, and developmental delay.
Defects in PLP1 are the cause of spastic paraplegia X-linked type 2 (SPG2) [MIM:312920]. SPG2 is characterized by spastic gait and hyperreflexia. In some patients, complicating features include nystagmus, dysarthria, sensory disturbance, mental retardation, optic atrophy.

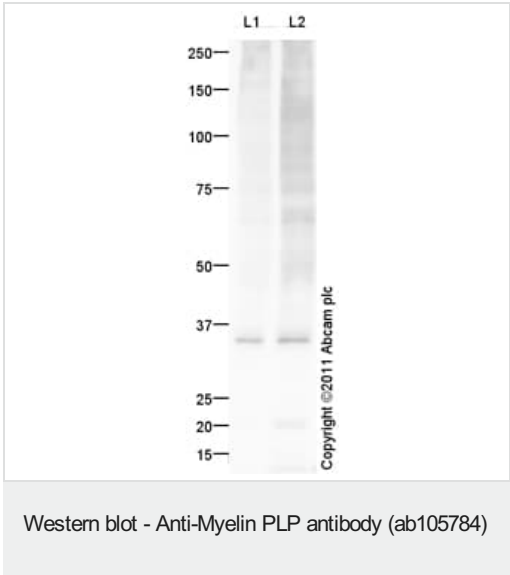
序列相似性

Belongs to the myelin proteolipid protein family.

细胞定位

Membrane.

图片



All lanes : Anti-Myelin PLP antibody (ab105784) at 1 µg/ml

Lane 1 : Brain (Rat) Tissue Lysate

Lane 2 : Spinal Cord (Rat) Tissue Lysate

Lysates/proteins at 10 µg per lane.

Secondary

All lanes : Goat Anti-Rabbit IgG H&L (HRP) preadsorbed (ab97080) at 1/5000 dilution

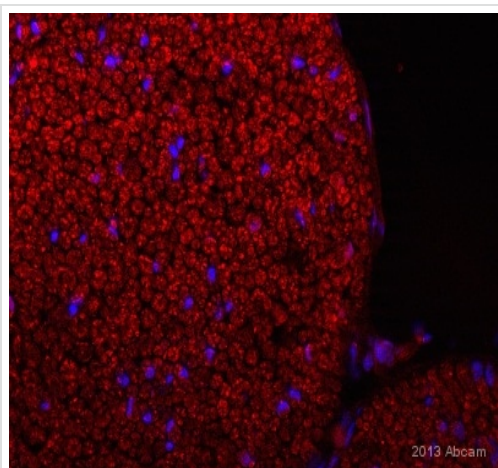
Developed using the ECL technique.

Performed under reducing conditions.

Predicted band size: 30 kDa

Observed band size: 34 kDa

Exposure time: 1 minute



Immunohistochemistry (Frozen sections) - Anti-

Myelin PLP antibody (ab105784)

Image courtesy of Carl Hobbs (Imperial College
London, United Kingdom)

IHC-Fr image of myelin PLP staining on Mouse sciatic nerve sections using ab105784 (1:3000). Fresh frozen sections (10µM) and dried in fumehood for 2 hours before fixing with 10% formalin for 10 min. Sections were permeabilized in 0.1% Triton X-100 in TBS for 10min. Sections were then blocked using 1% BSA for 10 mins at 21°C. ab105784 was diluted 1:2000 in TBS buffer (containing BSA) and sections were then incubated with ab105784 for 16 hours at 21°C. The secondary antibody used was Alexa Fluor® 594 conjugated Goat polyclonal to Rabbit IgG (1:1000).

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