


Anti-Myelin PLP antibody ab105784

★★★★★ [10 Abreviews](#) [14 References](#) [画像数 2](#)

製品の概要

製品名	Anti-Myelin PLP antibody
製品の詳細	Rabbit polyclonal to Myelin PLP
由来種	Rabbit
アプリケーション	適用あり: IHC-Fr, WB
種交差性	交差種: Mouse, Rat 交差が予測される動物種: 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)
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. Store at +4°C short term (1-2 weeks). Upon delivery aliquot. Store at -20°C or -80°C. Avoid freeze / thaw cycle.
バッファー	pH: 7.40 Preservative: 0.02% Sodium azide Constituent: PBS
精製度	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

ポリ/モノ
アイソタイプ

ポリクローナル
IgG

アプリケーション

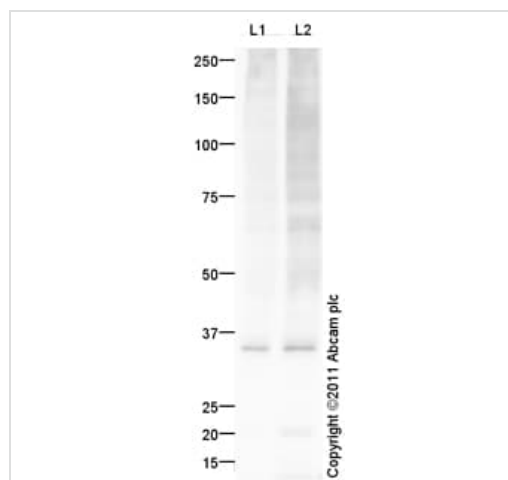
The Abpromise guarantee Abpromise保証は、 次のテスト済みアプリケーションにおけるab105784の使用に適用されます
アプリケーションノートには、推奨の開始希釈率がありますが、適切な希釈率につきましてはご確認ください。

アプリケーション	Abreviews	特記事項
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).

ターゲット情報

機能	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.
関連疾患	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.
配列類似性	Belongs to the myelin proteolipid protein family.
細胞内局在	Membrane.

画像



Western blot - Anti-Myelin PLP antibody (ab105784)

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

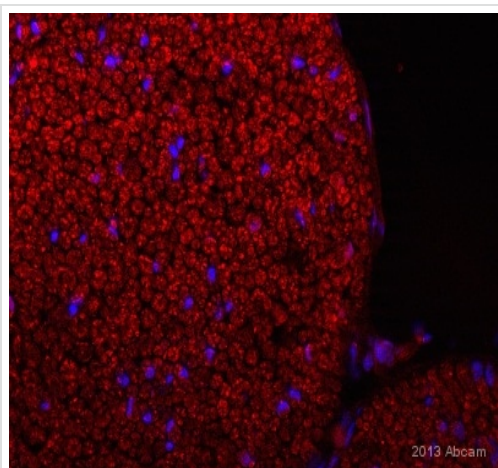
Developed using the ECL technique.

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).

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