


### Anti-160 kD Neurofilament Medium antibody ab9034

★★★★★ [1 Abreviews](#) [16 References](#) [画像数 2](#)

#### 製品の概要

製品名	Anti-160 kD Neurofilament Medium antibody
製品の詳細	Rabbit polyclonal to 160 kD Neurofilament Medium
由来種	Rabbit
特異性	Recognizes the evolutionarily conserved extreme C-terminal region of the medium neurofilament subunit (~145-170 kDa).
アプリケーション	<b>適用あり:</b> IHC-FrFI, WB
種交差性	<b>交差種:</b> Mouse, Rat, Pig <b>交差が予測される動物種:</b> Cat, Bird, Reptile 
免疫原	Recombinant fragment corresponding to Rat 160 kD Neurofilament Medium (C terminal). Database link: <a href="#">P12839</a>
ポジティブ・コントロール	IHC-FrFI: Rat cerebellum WB: Mouse, Rat and Pig brain and spinal cord tissue 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&amp;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.
精製度	Whole antiserum
ポリ/モノ	ポリクローナル
アイソタイプ	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ab9034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
IHC-FrFI		1/2000.
WB		1/5000.

## ターゲット情報

### 機能

Neurofilaments usually contain three intermediate filament proteins: L, M, and H which are involved in the maintenance of neuronal caliber.

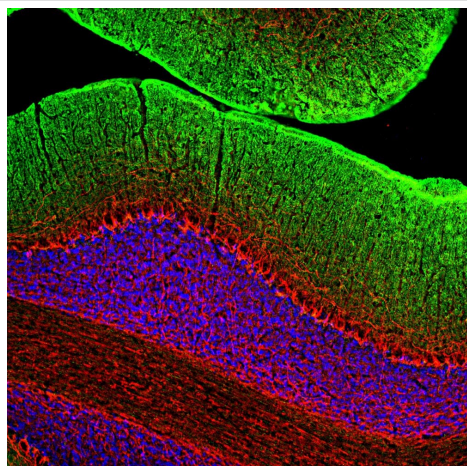
### 配列類似性

Belongs to the intermediate filament family.

### 翻訳後修飾

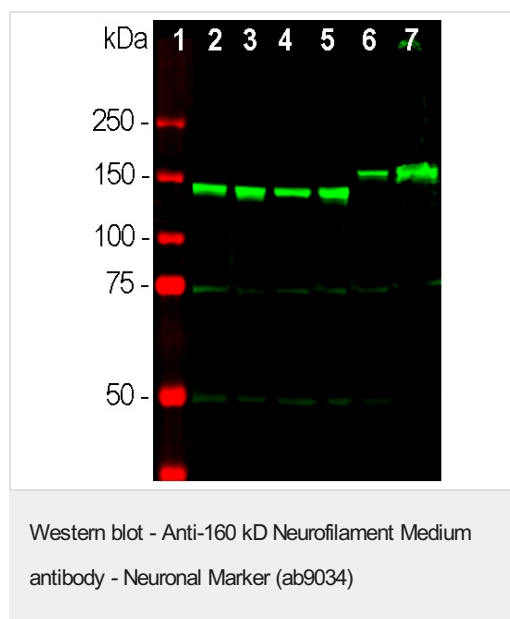
There are a number of repeats of the tripeptide K-S-P, NFM is phosphorylated on a number of the serines in this motif. It is thought that phosphorylation of NFM results in the formation of interfilament cross bridges that are important in the maintenance of axonal caliber. Phosphorylation seems to play a major role in the functioning of the larger neurofilament polypeptides (NF-M and NF-H), the levels of phosphorylation being altered developmentally and coincidentally with a change in the neurofilament function. Phosphorylated in the head and rod regions by the PKC kinase PKN1, leading to the inhibition of polymerization.

## 画像



Immunohistochemistry - Free Floating analysis of rat cerebellum section labeling 160 kD Neurofilament Medium with ab9034 at 1/2000 dilution (red) and costained with mouse mAb to GAP43 at 1/2000 dilution (green). Following transcardial perfusion of rat with 4% paraformaldehyde, brain was post fixed for 24 hours, cut to 45µm, and free-floating sections were stained with the above antibodies. ab9034 strongly labels neuronal processes throughout the cerebellum, while the GAP43 antibody stains predominantly synaptic regions in the molecular layer.

Immunohistochemistry - Free Floating - Anti-160 kD  
Neurofilament Medium antibody - Neuronal Marker  
(ab9034)



**All lanes :** Anti-160 kD Neurofilament Medium antibody (ab9034)  
at 1/2000 dilution

**Lane 1 :** Protein standard  
**Lane 2 :** Rat brain tissue lysate  
**Lane 3 :** Rat spinal cord tissue lysate  
**Lane 4 :** Mouse brain tissue lysate  
**Lane 5 :** Mouse spinal cord tissue lysate  
**Lane 6 :** Pig brain tissue lysate  
**Lane 7 :** Pig spinal cord tissue lysate

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

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