

### Anti-NGF antibody - BSA and Azide free ab6199

★★★★★ [8 Abreviews](#) [84 References](#) [画像数 3](#)

#### 製品の概要

製品名	Anti-NGF antibody - BSA and Azide free
製品の詳細	Rabbit polyclonal to NGF - BSA and Azide free
由来種	Rabbit
特異性	Less than 1% cross-reactivity against recombinant human Brain Derived Neurotrophic Factor, Neurotrophin 3 and Neurotrophin 4/5 by ELISA.
アプリケーション	<b>適用あり:</b> ICC/IF, WB
種交差性	<b>交差種:</b> Mouse, Human <b>非交差種:</b> Cow
免疫原	Full length native protein (purified) corresponding to Mouse NGF. Database link: <a href="#">P01139</a>
特記事項	<p>This antibody has been shown to be useful for a variety of techniques and its specificity has been demonstrated by immunoblot.</p> <p>Before storing ab6199 long-term, please follow the aliquot instructions.</p> <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). Add glycerol to a final volume of 50% for extra stability and aliquot. Store at -20°C or -80°C. Avoid freeze / thaw cycle.
バッファー	pH: 7 Constituent: PBS
キャリア・フリー	pH: 7.2-7.6 without preservatives. はい

精製度	Protein G purified
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

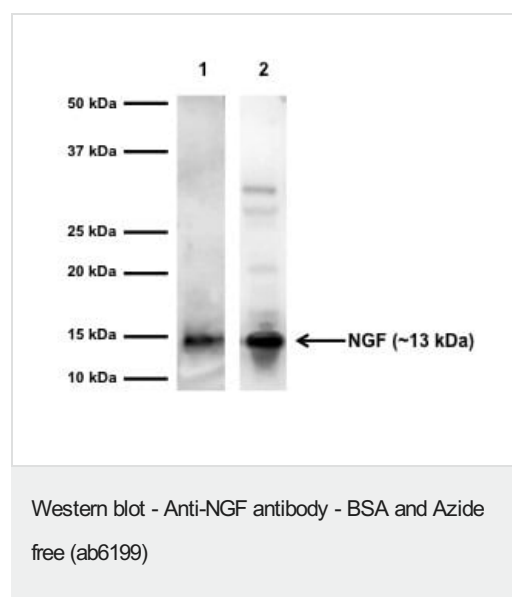
**The Abpromise guarantee** Abpromise保証は、次のテスト済みアプリケーションにおけるab6199の使用に適用されます  
 アプリケーションノートには、推奨の開始希釈率がありますが、適切な希釈率につきましてはご検討ください。

アプリケーション	Abreviews	特記事項
ICC/IF	★★★★☆ (1)	Use a concentration of 10 µg/ml.
WB	★★★★★ (2)	Use a concentration of 1 µg/ml.

## ターゲット情報

機能	Nerve growth factor is important for the development and maintenance of the sympathetic and sensory nervous systems. Extracellular ligand for the NTRK1 and NGFR receptors, activates cellular signaling cascades through those receptor tyrosine kinase to regulate neuronal proliferation, differentiation and survival. Inhibits metalloproteinase dependent proteolysis of platelet glycoprotein VI (PubMed:20164177).
関連疾患	Neuropathy, hereditary sensory and autonomic, 5
配列類似性	Belongs to the NGF-beta family.
細胞内局在	Secreted.

## 画像

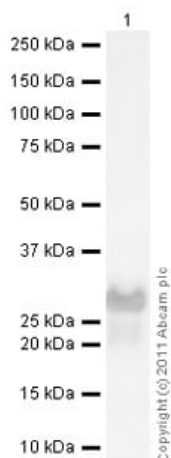


**All lanes** : Anti-NGF antibody - BSA and Azide free (ab6199) at 5 µg/ml

**Lane 1** : rhNGF protein at 100 µg

**Lane 2** : Mouse salivary gland tissue lysate at 50 µg

ab6199 detects a strong band at 13 kDa consistent with the expected molecular weight of mature NGF monomer.



Western blot - Anti-NGF antibody - BSA and Azide free (ab6199)

Anti-NGF antibody - BSA and Azide free (ab6199) at 1 µg/ml +  
Active human NGF full length protein (**ab69759**) at 0.1 µg

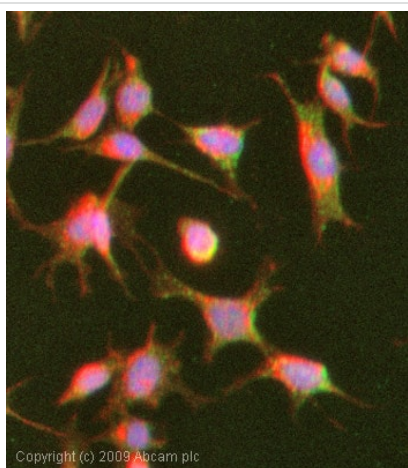
### Secondary

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

Developed using the ECL technique.

Performed under reducing conditions.

**Exposure time:** 30 seconds



Immunocytochemistry/ Immunofluorescence - Anti-  
NGF antibody - BSA and Azide free (ab6199)

ICC/IF image of ab6199 stained MEF1 cells. The cells were 4% PFA fixed (10 min) and then incubated in 1%BSA / 10% normal goat serum / 0.3M glycine in 0.1% PBS-Tween for 1h to permeabilise the cells and block non-specific protein-protein interactions. The cells were then incubated with the antibody (ab6199, 10µg/ml) overnight at +4°C. The secondary antibody (green) was Alexa Fluor® 488 goat anti-rabbit IgG (H+L) used at a 1/1000 dilution for 1h. Alexa Fluor® 594 WGA was used to label plasma membranes (red) at a 1/200 dilution for 1h. DAPI was used to stain the cell nuclei (blue) at a concentration of 1.43µM.

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