


### Anti-TrkB antibody ab18987

★★★★★ [9 Abreviews](#) [73 References](#) [画像数 1](#)

#### 製品の概要

製品名	Anti-TrkB antibody
製品の詳細	Rabbit polyclonal to TrkB
由来種	Rabbit
特異性	The immunogen has 75% cross reactivity with TrkA and 68% cross reactivity with TrkC.
アプリケーション	<b>適用あり:</b> WB
種交差性	<b>交差種:</b> Human <b>交差が予測される動物種:</b> Mouse, Rat, Chicken 
免疫原	Synthetic peptide corresponding to Human TrkB. Surrounding amino acid 810 of human TrkB. Database link: <a href="#">Q16620-1</a>
ポジティブ・コントロール	WB: HL-60 cell lysate.
特記事項	<p>This product is manufactured by BioVision, an Abcam company and was previously called 3593 TrkB Antibody. 3593-100 is the same size as the 100 µg size of ab18987.</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. Upon delivery aliquot. Store at -20°C or -80°C. Avoid freeze / thaw cycle.
バッファー	Preservative: 0.03% Proclin 300 Constituents: PBS, 30% Glycerol (glycerin, glycerine), 0.5% BSA, 0.19% EDTA disodium salt
精製度	Affinity 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ab18987の使用に適用されます

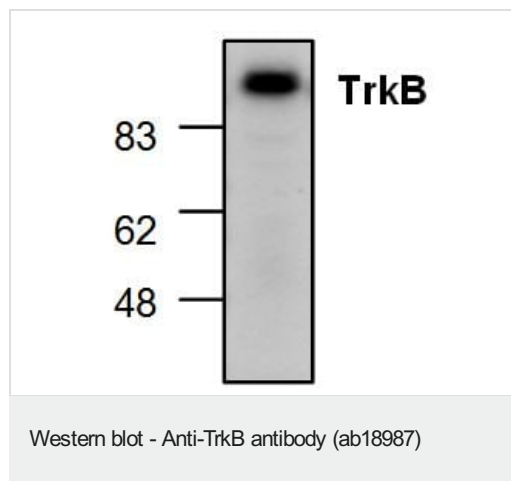
アプリケーションノートには、推奨の開始希釈率がありますが、適切な希釈率につきましてはご検討ください。

アプリケーション	Abreviews	特記事項
WB	★★★★☆ (3)	Use a concentration of 0.5 - 4 µg/ml. Detects a band of approximately 92 kDa (predicted molecular weight: 92 kDa).

## ターゲット情報

機能	Receptor for brain-derived neurotrophic factor (BDNF), neurotrophin-3 and neurotrophin-4/5 but not nerve growth factor (NGF). Involved in the development and/or maintenance of the nervous system. This is a tyrosine-protein kinase receptor. Known substrates for the TRK receptors are SHC1, PI-3 kinase, and PLC-gamma-1.
組織特異性	Isoform TrkB is widely expressed, mainly in the nervous tissue. In the CNS, expression is observed in the cerebral cortex, hippocampus, thalamus, choroid plexus, granular layer of the cerebellum, brain stem, and spinal cord. In the peripheral nervous system, it is expressed in many cranial ganglia, the opthalmic nerve, the vestibular system, multiple facial structures, the submaxillary glands, and dorsal root ganglia. Isoform TrkB-T1 is expressed in multiple tissues, mainly in brain, pancreas, kidney and heart. Isoform TrkB-T-Shc is predominantly expressed in brain.
配列類似性	Belongs to the protein kinase superfamily. Tyr protein kinase family. Insulin receptor subfamily. Contains 2 Ig-like C2-type (immunoglobulin-like) domains. Contains 2 LRR (leucine-rich) repeats. Contains 1 LRRCT domain. Contains 1 LRRNT domain. Contains 1 protein kinase domain.
翻訳後修飾	Ligand-mediated auto-phosphorylation.
細胞内局在	Membrane.

## 画像



Anti-TrkB antibody (ab18987) + HL-60 cell lysate

**Predicted band size:** 92 kDa

**Observed band size:** >90 kDa

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

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