

### Anti-TWEAK antibody ab37170

[14 References](#) [画像数 7](#)

#### 製品の概要

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製品名	Anti-TWEAK antibody
製品の詳細	Rabbit polyclonal to TWEAK
由来種	Rabbit
アプリケーション	<b>適用あり:</b> IHC-P, WB
種交差性	<b>交差種:</b> Mouse, Human
免疫原	Recombinant full length protein corresponding to Human TWEAK. Database link: <a href="#">O43508</a>

#### 特記事項

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.

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

#### 製品の特性

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製品の状態	Liquid
保存方法	Shipped at 4°C. Store at +4°C. Do Not Freeze.
バッファー	pH: 7.2 Preservative: 0.02% Sodium azide Constituent: PBS
精製度	Protein A 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

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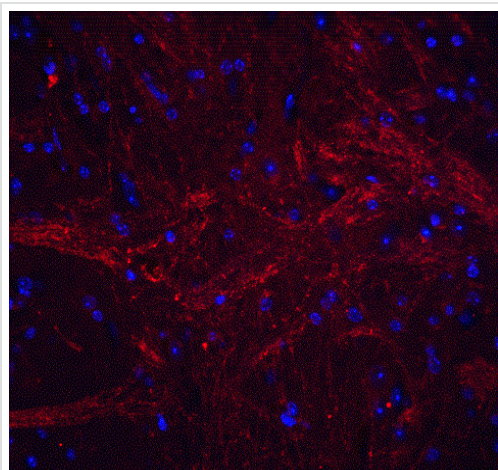
**The Abpromise guarantee** Abpromise保証は、次のテスト済みアプリケーションにおけるab37170の使用に適用されます  
アプリケーションノートには、推奨の開始希釈率がありますが、適切な希釈率につきましてはご検討ください。

アプリケーション	Abreviews	特記事項
IHC-P		Use a concentration of 5 - 10 µg/ml.
WB		Use a concentration of 0.5 - 1 µg/ml. Predicted molecular weight: 27,36 kDa. TWEAK may migrate at aberrant positions in SDS-PAGE.

## ターゲット情報

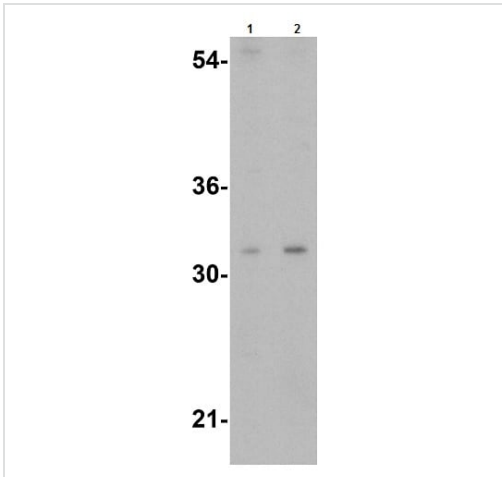
機能	Binds to FN14 and possibly also to TNFRSF12/APO3. Weak inducer of apoptosis in some cell types. Mediates NF-kappa-B activation. Promotes angiogenesis and the proliferation of endothelial cells. Also involved in induction of inflammatory cytokines.
組織特異性	Highly expressed in adult heart, pancreas, skeletal muscle, brain, colon, small intestine, lung, ovary, prostate, spleen, lymph node, appendix and peripheral blood lymphocytes. Low expression in kidney, testis, liver, placenta, thymus and bone marrow. Also detected in fetal kidney, liver, lung and brain.
配列類似性	Belongs to the tumor necrosis factor family.
翻訳後修飾	The soluble form derives from the membrane form by proteolytic processing.
細胞内局在	Secreted and Cell membrane.

## 画像



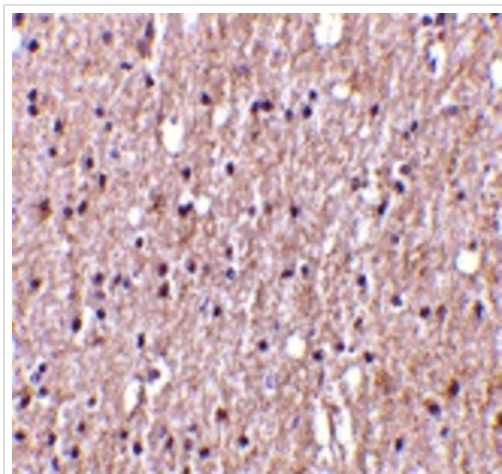
Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) of mouse brain tissue staining TWEAK with ab37170 at 20µg/ml

Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-TWEAK antibody (ab37170)



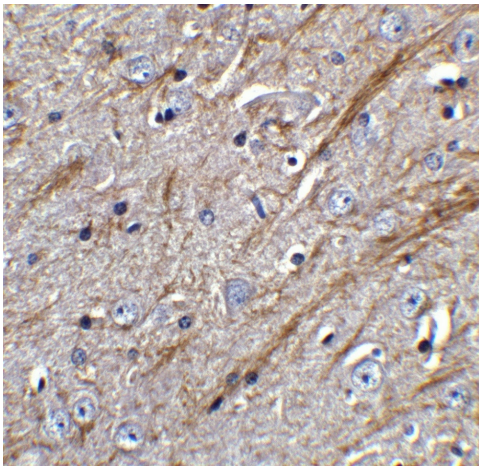
Western blot - Anti-TWEAK antibody (ab37170)

Western Blot of HeLa cell lysate labeling TWEAK with Anti-TWEAK antibody (ab37170) at (1) 1 and (2) 2µg/ml.



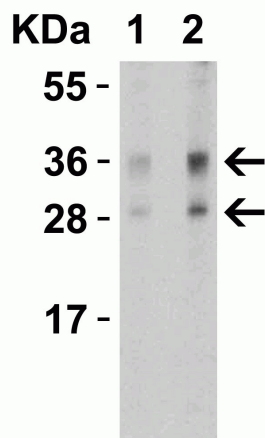
Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-TWEAK antibody (ab37170)

Immunohistochemistry analysis Formalin/PFA-fixed paraffin-embedded human brain tissue sections labeling TWEAK with ab37170 at 10 µg/mL. Tissue was fixed with formaldehyde and blocked with 10% serum for 1 h at RT; antigen retrieval was by heat mediation with a citrate buffer (pH6). Samples were incubated with primary antibody overnight at 4°C. A goat anti-rabbit IgG H&L (HRP) at 1/250 was used as secondary. Counter stained with Hematoxylin.



Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-TWEAK antibody (ab37170)

Immunohistochemistry analysis Formalin/PFA-fixed paraffin-embedded mouse brain tissue sections labeling TWEAK with ab37170 at 5 µg/ml. Tissue was fixed with formaldehyde and blocked with 10% serum for 1 h at RT; antigen retrieval was by heat mediation with a citrate buffer (pH6). Samples were incubated with primary antibody overnight at 4°C. A goat anti-rabbit IgG H&L (HRP) at 1/250 was used as secondary. Counter stained with Hematoxylin.



Western blot - Anti-TWEAK antibody (ab37170)

**Lane 1 :** Anti-TWEAK antibody (ab37170) at 1 µg/ml

**Lane 2 :** Anti-TWEAK antibody (ab37170) at 2 µg/ml

**All lanes :** Mouse pancreas tissue lysate

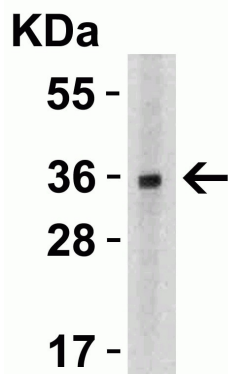
Lysates/proteins at 15 µg per lane.

**Secondary**

**All lanes :** Goat anti-rabbit IgG HRP conjugate at 1/10000 dilution

**Predicted band size:** 27,36 kDa

Primary incubation: 1h incubation at RT in 5% NFDm/TBST



Western blot - Anti-TWEAK antibody (ab37170)

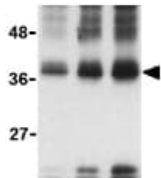
Anti-TWEAK antibody (ab37170) at 2 µg/ml + Mouse Liver Tissue Lysates at 15 µg

**Secondary**

Goat anti-rabbit IgG HRP conjugate at 1/10000 dilution

**Predicted band size:** 27,36 kDa

Primary incubation time: 1h incubation at RT in 5% NFDM/TBST.



Western blot - Anti-TWEAK antibody (ab37170)

**All lanes :** Anti-TWEAK antibody (ab37170) at 1 µg/ml

**Lane 1 :** Recombinant human TWEAK at 0.005 µg

**Lane 2 :** Recombinant human TWEAK at 0.025 µg

**Lane 3 :** Recombinant human TWEAK at 0.05 µg

**Predicted band size:** 27,36 kDa

**Observed band size:** 37 kDa

TWEAK migrates at aberrant positions in SDS-PAGE; hence the observed band is different from the predicted molecular weight of 27 kDa.

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