




### Anti-TAK1 antibody ab50431

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

#### 製品の概要

製品名	Anti-TAK1 antibody
製品の詳細	Goat polyclonal to TAK1
由来種	Goat
特異性	This antibody is expected to recognise isoform A (NP_003179.1) and isoform B (NP_663304.1).
アプリケーション	<b>適用あり:</b> WB
種交差性	<b>交差種:</b> Mouse, Human <b>交差が予測される動物種:</b> Rat, Cow, Xenopus laevis, Orangutan 
免疫原	Synthetic peptide: C-AELDQDEKDQQNT , corresponding to internal sequence amino acids 552-564 of Human TAK1  <a href="#">Run BLAST with</a>  <a href="#">Run BLAST with</a>
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. Upon delivery aliquot and store at -20°C or -80°C. Avoid repeated freeze / thaw cycles.
バッファー	pH: 7.30 Preservative: 0.02% Sodium azide Constituent: 0.5% BSA
精製度	Immunogen 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

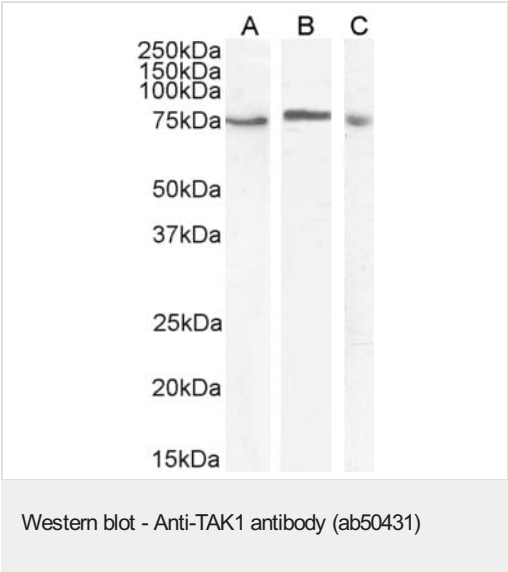
The Abpromise guarantee      Abpromise保証は、 次のテスト済みアプリケーションにおけるab50431の使用に適用されます  
アプリケーションノートには、推奨の開始希釈率がありますが、適切な希釈率につきましてはご検討ください。

アプリケーション	Abreviews	特記事項
WB	★★★★☆ (2)	Use a concentration of 1 - 3 µg/ml. Detects a band of approximately 76 kDa (predicted molecular weight: 67 kDa). Primary incubation 1 hour at room temperature. Approx 75kDa band observed in lysates of cell lines NIH/3T3 and A431.

ターゲット情報

機能	Component of a protein kinase signal transduction cascade. Mediator of TRAF6 and TGF-beta signal transduction. Activates IKBKB and MAPK8 in response to TRAF6 signaling. Stimulates NF-kappa-B activation and the p38 MAPK pathway. In osmotic stress signaling, plays a major role in the activation of MAPK8/JNK, but not that of NF-kappa-B.
配列類似性	Belongs to the protein kinase superfamily. STE Ser/Thr protein kinase family. MAP kinase kinase kinase subfamily. Contains 1 protein kinase domain.
翻訳後修飾	Association with TAB1/MAP3K7IP1 promotes autophosphorylation and subsequent activation. Association with TAB2/MAP3K7IP2, itself associated with free unanchored Lys-63 polyubiquitin chain, promotes autophosphorylation and subsequent activation of MAP3K7. Dephosphorylation at Thr-187 by PP2A and PPP6C leads to inactivation. Ubiquitinated, leading to proteasomal degradation (By similarity). Requires 'Lys-63'-linked polyubiquitination for autophosphorylation and subsequent activation. 'Lys-63'-linked ubiquitination does not lead to proteasomal degradation. Deubiquitinated by CYLD, a protease that selectively cleaves 'Lys-63'-linked ubiquitin chains. Deubiquitinated by Y.enterocolitica YopP.

画像

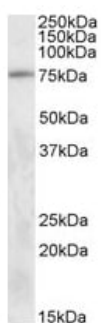


**Lanes 1-2 :** Anti-TAK1 antibody (ab50431) at 1 µg/ml  
**Lane 3 :** Anti-TAK1 antibody (ab50431) at 2 µg/ml

**Lane 1 :** HeLa cell lysate  
**Lane 2 :** U937 cell lysate  
**Lane 3 :** Daudi cell lysate

Lysates/proteins at 35 µg per lane.

**Predicted band size:** 67 kDa



Western blot - Anti-TAK1 antibody (ab50431)

Anti-TAK1 antibody (ab50431) at 0.1 µg/ml + Cell lysates prepared from NIH/3T3 cells at 35 µg

Developed using the ECL technique.

**Predicted band size:** 67 kDa

Primary antibody incubated for 1 hour.

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

### Our Abpromise to you: Quality guaranteed and expert technical support

---

- Replacement or refund for products not performing as stated on the datasheet
- Valid for 12 months from date of delivery
- Response to your inquiry within 24 hours
- We provide support in Chinese, English, French, German, Japanese and Spanish
- Extensive multi-media technical resources to help you
- We investigate all quality concerns to ensure our products perform to the highest standards

If the product does not perform as described on this datasheet, we will offer a refund or replacement. For full details of the Abpromise, please visit <https://www.abcam.co.jp/abpromise> or contact our technical team.

### Terms and conditions

---

- Guarantee only valid for products bought direct from Abcam or one of our authorized distributors