

# Anti-Reptin/TIP49B/RUVB2 antibody ab89942

★★★★★ [1 Abreviews](#) [2 References](#) [画像数 4](#)

### 製品の概要

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製品名	Anti-Reptin/TIP49B/RUVB2 antibody
製品の詳細	Mouse polyclonal to Reptin/TIP49B/RUVB2
由来種	Mouse
アプリケーション	<b>適用あり:</b> WB, ICC/IF
種交差性	<b>交差種:</b> Human
免疫原	Recombinant full length protein within Human Reptin/TIP49B/RUVB2. The exact immunogen sequence used to generate this antibody is proprietary information. If additional detail on the immunogen is needed to determine the suitability of the antibody for your needs, please <b>contact</b> our Scientific Support team to discuss your requirements.
ポジティブ・コントロール	Human pancreas tissue lysate, HeLa whole cell lysate ( <a href="#">ab150035</a> ), Reptin/TIP49B/RUVB2 transfected 293T cell lysate, HeLa cells.
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

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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: 7.40 Constituent: 100% 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

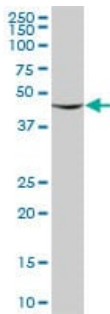
**The Abpromise guarantee** **Abpromise保証は、次のテスト済みアプリケーションにおけるab89942の使用に適用されます**  
アプリケーションノートには、推奨の開始希釈率がありますが、適切な希釈率につきましてはご検討ください。

アプリケーション	Abreviews	特記事項
WB	★☆☆☆☆ (1)	Use a concentration of 1 µg/ml. Predicted molecular weight: 51 kDa.
ICC/IF		Use a concentration of 10 µg/ml.

## ターゲット情報

<b>機能</b>	Possesses single-stranded DNA-stimulated ATPase and ATP-dependent DNA helicase (5' to 3') activity. Component of the NuA4 histone acetyltransferase complex which is involved in transcriptional activation of select genes principally by acetylation of nucleosomal histones H4 and H2A. This modification may both alter nucleosome - DNA interactions and promote interaction of the modified histones with other proteins which positively regulate transcription. This complex may be required for the activation of transcriptional programs associated with oncogene and proto-oncogene mediated growth induction, tumor suppressor mediated growth arrest and replicative senescence, apoptosis, and DNA repair. The NuA4 complex ATPase and helicase activities seem to be, at least in part, contributed by the association of RUVBL1 and RUVBL2 with EP400. NuA4 may also play a direct role in DNA repair when recruited to sites of DNA damage. RUVBL2 plays an essential role in oncogenic transformation by MYC and also modulates transcriptional activation by the LEF1/TCF1-CTNNB1 complex. May also inhibit the transcriptional activity of ATF2.
<b>組織特異性</b>	Ubiquitously expressed. Highly expressed in testis and thymus.
<b>配列類似性</b>	Belongs to the ruvB family.
<b>ドメイン</b>	The C-terminal domain is required for association with ATF2.
<b>翻訳後修飾</b>	Phosphorylated upon DNA damage, probably by ATM or ATR.
<b>細胞内局在</b>	Nucleus matrix. Nucleus > nucleoplasm. Cytoplasm. Membrane. Mainly localized in the nucleus, associated with nuclear matrix or in the nuclear cytosol. Although it is also present in the cytoplasm and associated with the cell membranes.

## 画像

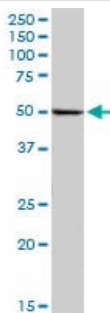


Western blot - Anti-Reptin/TIP49B/RUVB2 antibody (ab89942)

Anti-Reptin/TIP49B/RUVB2 antibody (ab89942) at 1  $\mu\text{g/ml}$  + Human pancreas tissue lysate at 50  $\mu\text{g}$

**Predicted band size:** 51 kDa

**Observed band size:** 46 kDa

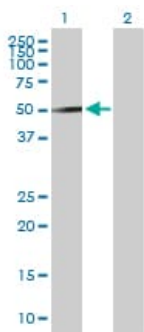


Western blot - Anti-Reptin/TIP49B/RUVB2 antibody (ab89942)

Anti-Reptin/TIP49B/RUVB2 antibody (ab89942) at 1  $\mu\text{g/ml}$  + HeLa cell lysate at 50  $\mu\text{g}$

**Predicted band size:** 51 kDa

**Observed band size:** 51 kDa



Western blot - Anti-Reptin/TIP49B/RUVB2 antibody (ab89942)

**All lanes :** Anti-Reptin/TIP49B/RUVB2 antibody (ab89942) at 1  $\mu\text{g/ml}$

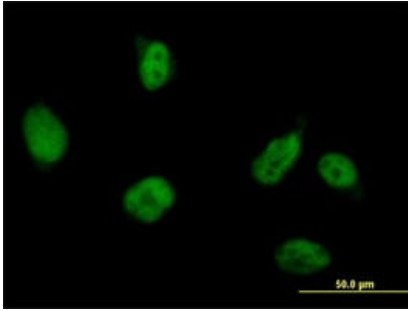
**Lane 1 :** Reptin/TIP49B/RUVB2 transfected 293T cell lysate

**Lane 2 :** Non-transfected 293T cell lysate

Lysates/proteins at 25  $\mu\text{g}$  per lane.

**Predicted band size:** 51 kDa

**Observed band size:** 51 kDa



ab89942 at 10  $\mu\text{g/ml}$  staining Reptin/TIP49B/RUVB2 in HeLa cells by Immunofluorescence.

Immunocytochemistry/ Immunofluorescence - Anti-Reptin/TIP49B/RUVB2 antibody (ab89942)

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

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