


Anti-Reptin/TIP49B/RUVB2 antibody ab91462

★★★★★ [1 Abreviews](#) [2 References](#) [画像数 3](#)

製品の概要

製品名	Anti-Reptin/TIP49B/RUVB2 antibody
製品の詳細	Rabbit polyclonal to Reptin/TIP49B/RUVB2
由来種	Rabbit
アプリケーション	適用あり: IHC-P, WB, IP
種交差性	交差種: Mouse, Human 交差が予測される動物種: Rat, Rabbit, Horse, Guinea pig, Cow, Dog, Pig, Chimpanzee, Ferret, Rhesus monkey, Gorilla, Orangutan 
免疫原	Synthetic peptide. This information is proprietary to Abcam and/or its suppliers.
ポジティブ・コントロール	Whole cell lysates from HeLa cells, 293T cells and Mouse NIH3T3 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&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. Avoid freeze / thaw cycles.
バッファー	pH: 7 Preservative: 0.09% Sodium azide Constituent: Tris citrate/phosphate
精製度	Immunogen affinity purified
特記事項 (精製)	This antibody was affinity purified using an epitope specific to Reptin/TIP49B/RUVB2 immobilized on solid support
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

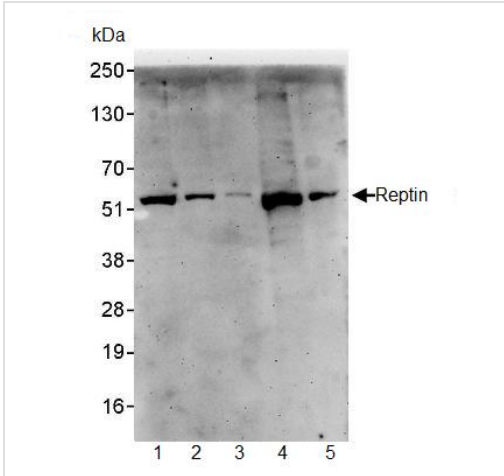
The Abpromise guarantee **Abpromise保証は、次のテスト済みアプリケーションにおけるab91462の使用に適用されず**
アプリケーションノートには、推奨の開始希釈率がありますが、適切な希釈率につきましてはご検討ください。

アプリケーション	Abreviews	特記事項
IHC-P		1/500 - 1/2000. Perform heat mediated antigen retrieval with citrate buffer pH 6 before commencing with IHC staining protocol.
WB	★★★★★ (1)	1/2000 - 1/10000. Predicted molecular weight: 51 kDa.
IP		Use at 5-15 µg/mg of lysate.

ターゲット情報

機能	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.
組織特異性	Ubiquitously expressed. Highly expressed in testis and thymus.
配列類似性	Belongs to the ruvB family.
ドメイン	The C-terminal domain is required for association with ATF2.
翻訳後修飾	Phosphorylated upon DNA damage, probably by ATM or ATR.
細胞内局在	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 (ab91462)

All lanes : Anti-Reptin/TIP49B/RUVB2 antibody (ab91462) at 0.1 µg/ml

Lane 1 : HeLa whole cell lysate at 50 µg

Lane 2 : HeLa whole cell lysate at 15 µg

Lane 3 : HeLa whole cell lysate at 5 µg

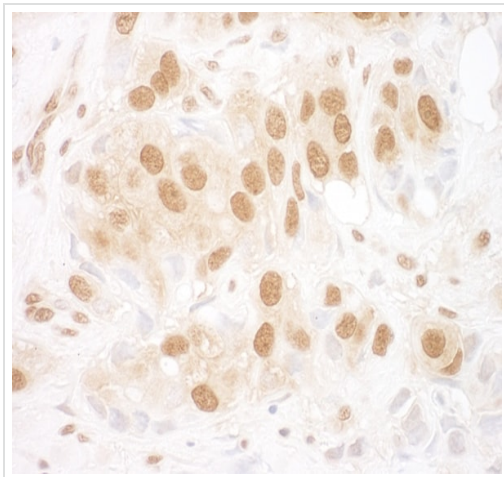
Lane 4 : 293T whole cell lysate at 50 µg

Lane 5 : Mouse NIH3T3 whole cell lysate at 50 µg

Developed using the ECL technique.

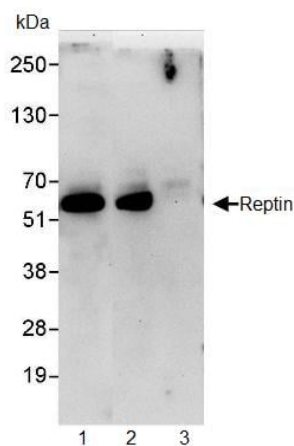
Predicted band size: 51 kDa

Exposure time: 3 minutes



Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-Reptin/TIP49B/RUVB2 antibody (ab91462)

Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) analysis of human breast carcinoma tissue labelling Reptin/TIP49B/RUVB2 with ab91462 at 1/1000 (1µg/ml). Detection: DAB.



Immunoprecipitation - Anti-Reptin/TIP49B/RUVB2 antibody (ab91462)

ab91462 at 1 $\mu\text{g/ml}$ detecting Reptin/TIP49B/RUVB2 in HeLa whole cell lysate by WB following IP. Immunoprecipitation utilised ab91462 at 10 $\mu\text{g/mg}$ of lysate (lane 1). Reptin/TIP49B/RUVB2 was also immunoprecipitated by an antibody to an downstream epitope of Reptin/TIP49B/RUVB2 (lane 2) but not by control IgG (lane 3). 1 mg of lysate was used for IP and 20% of IP was loaded. Detection utilised ECL with a 30 second exposure.

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