


Anti-TIP49A antibody [EPR4143] ab108927

リコンビナント RabMAb

画像数 2

製品の概要

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|--------------|--|
| 製品名 | Anti-TIP49A antibody [EPR4143] |
| 製品の詳細 | Rabbit monoclonal [EPR4143] to TIP49A |
| 由来種 | Rabbit |
| アプリケーション | 適用あり: WB 適用なし: Flow Cyt, ICC/IF or IHC-P |
| 種交差性 | 交差種: Human 交差が予測される動物種: Mouse, Rat  |
| 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 | K562 and 293T cell lysates |
| 特記事項 | <p>This product is a recombinant monoclonal antibody, which offers several advantages including:</p> <ul style="list-style-type: none">- High batch-to-batch consistency and reproducibility- Improved sensitivity and specificity- Long-term security of supply- Animal-free production <p>For more information see here.</p> <p>Our RabMAb[®] technology is a patented hybridoma-based technology for making rabbit monoclonal antibodies. For details on our patents, please refer to RabMAb[®] patents.</p> |

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 -20°C. Stable for 12 months at -20°C. |
| バッファー | pH: 7.20 Preservative: 0.05% Sodium azide Constituents: 0.1% BSA, 40% Glycerol (glycerin, glycerine), 9.85% Tris glycine, 50% Tissue culture supernatant |
| 精製度 | Tissue culture supernatant |
| ポリ/モノ | モノクローナル |
| クローン名 | EPR4143 |

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ab108927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 |
|----------|-----------|---|
| WB | | 1/1000 - 1/10000. Predicted molecular weight: 50 kDa. |

追加情報

Is unsuitable for Flow Cyt, ICC/IF or IHC-P.

ターゲット情報

機能

Possesses single-stranded DNA-stimulated ATPase and ATP-dependent DNA helicase (3' to 5') 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. RUVBL1 plays an essential role in oncogenic transformation by MYC and also modulates transcriptional activation by the LEF1/TCF1-CTNNB1 complex.
May be able to bind plasminogen at cell surface and enhance plasminogen activation.
Essential for cell proliferation.

組織特異性

Ubiquitously expressed with high expression in heart, skeletal muscle and testis.

配列類似性

Belongs to the ruvB family.

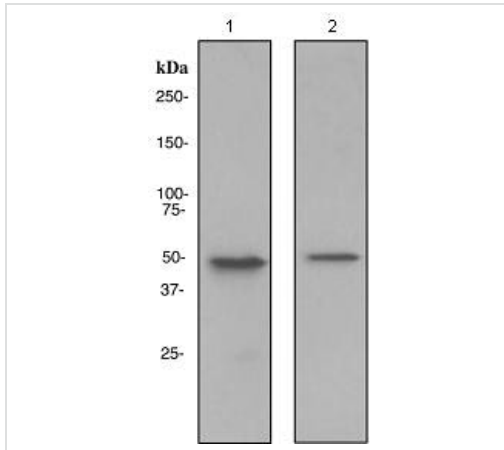
ドメイン

Binding to MYC is dependent on a Myc domain essential for oncogenic activity.

細胞内局在

Nucleus matrix. Nucleus > nucleoplasm. Cytoplasm. Membrane. Cytoplasm > cytoskeleton > centrosome. 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. In prophase and prometaphase it is located at the centrosome and the branching microtubule spindles. After mitotic nuclear membrane disintegration it accumulates at the centrosome and sites of tubulin polymerization. As cells pass through metaphase and into telophase it is located close to the centrosome at the early phase of tubulin polymerization. In anaphase it accumulates at the zone of tubule interdigitation. In telophase it is found at polar tubule overlap, and it reappears at the site of chromosomal decondensation in the daughter cells.

画像



Western blot - Anti-TIP49A antibody [EPR4143] (ab108927)

All lanes : Anti-TIP49A antibody [EPR4143] (ab108927) at 1/1000 dilution





Lane 1 : K562 cell lysate

Lane 2 : 293T cell lysate

Lysates/proteins at 10 µg per lane.

Predicted band size: 50 kDa

Why choose a recombinant antibody?

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|--|--|
|  Research with confidence Consistent and reproducible results |  Long-term and scalable supply Recombinant technology |
|  Success from the first experiment Confirmed specificity |  Ethical standards compliant Animal-free production |

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

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