


Anti-VPS4B/MIG1 antibody ab86303

1 References [画像数 2](#)

製品の概要

| | |
|--------------|---|
| 製品名 | Anti-VPS4B/MIG1 antibody |
| 製品の詳細 | Rabbit polyclonal to VPS4B/MIG1 |
| 由来種 | Rabbit |
| アプリケーション | 適用あり: WB, IP |
| 種交差性 | 交差種: Human 交差が予測される動物種: Chimpanzee, Rhesus monkey, Gorilla, Orangutan  |
| 免疫原 | Synthetic peptide corresponding to Human VPS4B/MIG1 aa 35-400. Database link: NP_004860.2 |
| ポジティブ・コントロール | HeLa and 293T whole cell lysates. |
| 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: 6.8 Preservative: 0.09% Sodium azide Constituents: 0.1% BSA, Tris buffered saline |
| 精製度 | Immunogen affinity purified |
| 特記事項 (精製) | ab86303 was affinity purified using an epitope specific to VPS4B/MIG1 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

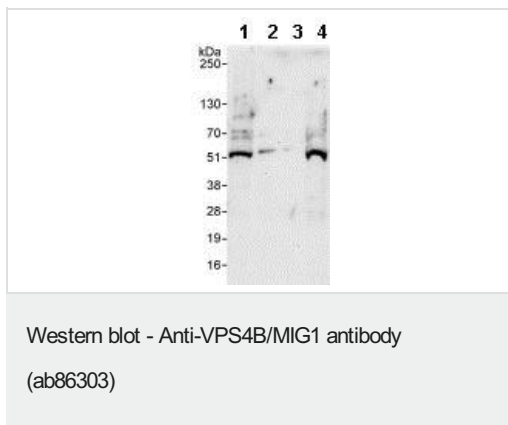
The Abpromise guarantee Abpromise保証は、 次のテスト済みアプリケーションにおけるab86303の使用に適用されます
アプリケーションノートには、推奨の開始希釈率がありますが、適切な希釈率につきましてはご検討ください。

| アプリケーション | Abreviews | 特記事項 |
|----------|-----------|---|
| WB | | 1/2000 - 1/10000. Predicted molecular weight: 49 kDa. |
| IP | | Use at 2-5 µg/mg of lysate. |

ターゲット情報

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|-------|--|
| 機能 | Involved in late steps of the endosomal multivesicular bodies (MVB) pathway. Recognizes membrane-associated ESCRT-III assemblies and catalyzes their disassembly, possibly in combination with membrane fission. Redistributes the ESCRT-III components to the cytoplasm for further rounds of MVB sorting. MVBs contain intraluminal vesicles (ILVs) that are generated by invagination and scission from the limiting membrane of the endosome and mostly are delivered to lysosomes enabling degradation of membrane proteins, such as stimulated growth factor receptors, lysosomal enzymes and lipids. In conjunction with the ESCRT machinery also appears to function in topologically equivalent membrane fission events, such as the terminal stages of cytokinesis and enveloped virus budding (HIV-1 and other lentiviruses). |
| 組織特異性 | Ubiquitously expressed. |
| 配列類似性 | Belongs to the AAA ATPase family. Contains 1 MIT domain. |
| ドメイン | The MIT domain serves as an adapter for ESCRT-III proteins. It forms an asymmetric three-helix bundle that binds amphipathic MIM (MIT interacting motif) helices along the groove between MIT helices 2 and 3 present in a subset of ESCRT-III proteins thus establishing the canonical MIM-MIT interaction. In an extended conformation along the groove between helices 1 and 3, also binds to a type-2 MIT interacting motif (MIM2). |
| 翻訳後修飾 | Phosphorylated upon DNA damage, probably by ATM or ATR. |
| 細胞内局在 | Prevacuolar compartment membrane. Late endosome membrane. Membrane-associated in the prevacuolar endosomal compartment. Localized in HIV-1 particles purified from acutely infected cells. |

画像



All lanes : Anti-VPS4B/MIG1 antibody (ab86303) at 0.04 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

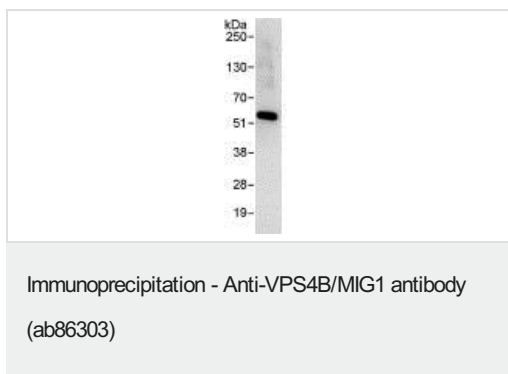
Lane 4 : 293T whole cell lysate at 50 µg

Developed using the ECL technique.

Predicted band size: 49 kDa

Observed band size: 49 kDa

Exposure time: 1 minute



Detection of VPS4B/MIG1 by Western Blot of Immunoprecipitate. ab86303, at 1 µg/ml, staining VPS4B/MIG1 in HeLa whole cell lysate immunoprecipitated using ab86303 at 3 µg/mg lysate (1 mg/IP; 20% of IP loaded/lane).

Detection: Chemiluminescence with an exposure time of 10 seconds.

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