


Anti-Syntaxin 4 antibody [EPR15473] ab184545

KO 評価済 リコンビナント RabMAb

5 References 画像数 4

製品の概要

製品名	Anti-Syntaxin 4 antibody [EPR15473]
製品の詳細	Rabbit monoclonal [EPR15473] to Syntaxin 4
由来種	Rabbit
アプリケーション	適用あり: WB
種交差性	交差種: Mouse, Human 交差が予測される動物種: 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	WB: HEK-293, K562, HeLa and A431 cell lysates. Wild-type HAP1 cell lysate.
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

製品の状態	Liquid
保存方法	Shipped at 4°C. Store at +4°C short term (1-2 weeks). Upon delivery aliquot. Store at -20°C long term. Avoid freeze / thaw cycle.
バッファー	pH: 7.2 Preservative: 0.01% Sodium azide Constituents: PBS, 40% Glycerol (glycerin, glycerine), 0.05% BSA
精製度	Protein A purified
ポリ/モノ	モノクローナル
クローン名	EPR15473
アイソタイプ	IgG

アプリケーション

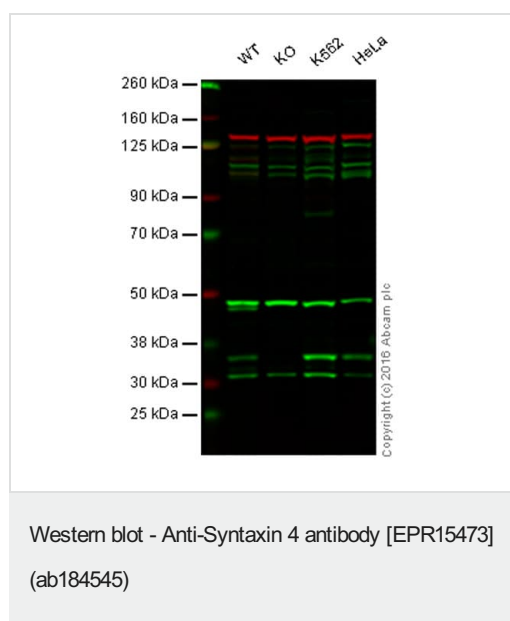
The Abpromise guarantee Abpromise保証は、次のテスト済みアプリケーションにおけるab184545の使用に適用されます
アプリケーションノートには、推奨の開始希釈率がありますが、適切な希釈率につきましてはご検討ください。

アプリケーション	Abreviews	特記事項
WB		1/1000 - 1/10000. Detects a band of approximately 34 kDa (predicted molecular weight: 34 kDa).

ターゲット情報

機能	Plasma membrane t-SNARE that mediates docking of transport vesicles. Necessary for the translocation of SLC2A4 from intracellular vesicles to the plasma membrane. Together with STXB3 and VAMP2, may also play a role in docking/fusion of intracellular GLUT4-containing vesicles with the cell surface in adipocytes (By similarity). May also play a role in docking of synaptic vesicles at presynaptic active zones.
組織特異性	Expressed in neutrophils and neutrophil-differentiated HL-60 cells. Expression in neutrophils increases with differentiation.
配列類似性	Belongs to the syntaxin family. Contains 1 t-SNARE coiled-coil homology domain.
細胞内局在	Cell membrane.

画像



Lane 1: Wild-type HAP1 cell lysate (20 µg)

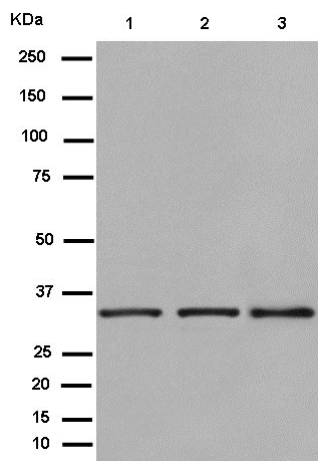
Lane 2: Syntaxin 4 knockout HAP1 cell lysate (20 µg)

Lane 3: K562 cell lysate (20 µg)

Lane 4: HeLa cell lysate (20 µg)

Lanes 1 - 4: Merged signal (red and green). Green - ab184545 observed at 1X kDa. Red - loading control, **ab18058**, observed at 124 kDa.

ab184545 was shown to recognize Syntaxin 4 when Syntaxin 4 knockout samples were used, along with additional cross-reactive bands. Wild-type and Syntaxin 4 knockout samples were subjected to SDS-PAGE. ab184545 and **ab18058** (loading control to Vinculin) were diluted 1/1000 and 1/10,000 respectively and incubated overnight at 4°C. Blots were developed with Goat anti-Rabbit IgG H&L (IRDye® 800CW) preadsorbed **ab216773** and Goat anti-Mouse IgG H&L (IRDye® 680RD) preadsorbed **ab216776** secondary antibodies at 1/10,000 dilution for 1 hour at room temperature before imaging.



Western blot - Anti-Syntaxin 4 antibody [EPR15473]
(ab184545)

All lanes : Anti-Syntaxin 4 antibody [EPR15473] (ab184545) at 1/2000 dilution

Lane 1 : 293 cell lysate

Lane 2 : K562 cell lysate

Lane 3 : HeLa cell lysate

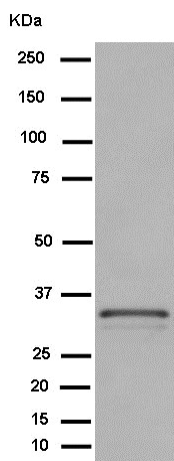
Lysates/proteins at 20 µg per lane.

Secondary

All lanes : Goat Anti-Rabbit IgG, (H+L), Peroxidase conjugate at 1/1000 dilution

Predicted band size: 34 kDa

Observed band size: 34 kDa



Western blot - Anti-Syntaxin 4 antibody [EPR15473]
(ab184545)

Anti-Syntaxin 4 antibody [EPR15473] (ab184545) at 1/10000 dilution + A431 cell lysate at 20 µg

Secondary

Goat Anti-Rabbit IgG, (H+L), Peroxidase conjugate at 1/1000 dilution

Predicted band size: 34 kDa

Observed band size: 34 kDa

Why choose a recombinant antibody?



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

Anti-Syntaxin 4 antibody [EPR15473] (ab184545)

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