


HRP Anti-Insulin degrading enzyme / IDE antibody [EPR6099] ab201836

KO 評価済 リコンビナント RabMAb

画像数 3

製品の概要

製品名	HRP Anti-Insulin degrading enzyme / IDE antibody [EPR6099]
製品の詳細	HRP Rabbit monoclonal [EPR6099] to Insulin degrading enzyme / IDE
由来種	Rabbit
標識	HRP
アプリケーション	適用あり: WB
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	WB: HeLa, HepG2, A375, and K562 whole cell lysates.
特記事項	This product is a recombinant monoclonal antibody, which offers several advantages including: - High batch-to-batch consistency and reproducibility - Improved sensitivity and specificity - Long-term security of supply - Animal-free production For more information see here . Our RabMAb [®] technology is a patented hybridoma-based technology for making rabbit monoclonal antibodies. For details on our patents, please refer to RabMAb[®] patents .

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. Stable for 12 months at -20°C. Store In the Dark.
バッファー	pH: 7.40 Preservative: 0.1% Proclin 300 Solution Constituents: 30% Glycerol (glycerin, glycerine), PBS, 1% BSA
精製度	Protein A purified
ポリ/モノ	モノクローナル

クローン名 EPR6099
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ab201836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確認ください。

アプリケーション	Abreviews	特記事項
WB		1/5000. Detects a band of approximately 118 kDa (predicted molecular weight: 118 kDa).

ターゲット情報

機能 Plays a role in the cellular breakdown of insulin, IAPP, glucagon, bradykinin, kallidin and other peptides, and thereby plays a role in intercellular peptide signaling. Degrades amyloid formed by APP and IAPP. May play a role in the degradation and clearance of naturally secreted amyloid beta-protein by neurons and microglia.

配列類似性 Belongs to the peptidase M16 family.

翻訳後修飾 The N-terminus is blocked.

細胞内局在 Cytoplasm. Cell surface. Present at the cell surface of neuron cells. The membrane-associated isoform is approximately 5 kDa larger than the known cytosolic isoform.

画像



All lanes : HRP Anti-Insulin degrading enzyme / IDE antibody [EPR6099] (ab201836) at 1/5000 dilution

Lane 1 : Wild-type HAP1 whole cell lysate

Lane 2 : IDE (Insulin degrading enzyme / IDE) knockout HAP1 whole cell lysate

Lysates/proteins at 20 µg per lane.

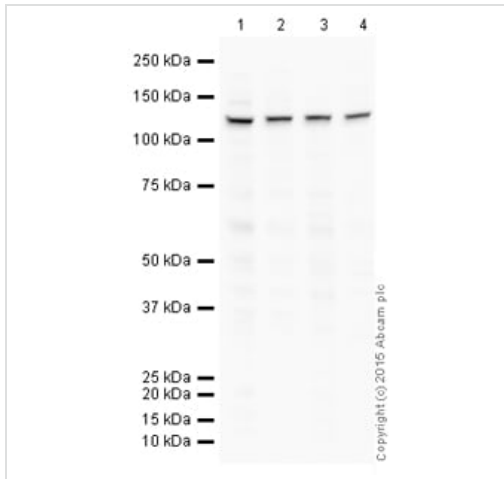
Predicted band size: 118 kDa

Observed band size: 118 kDa

Exposure time: 20 minutes

ab201836 was shown to specifically react with Insulin degrading

enzyme / IDE in wild-type HAP1 cells as signal was lost in IDE (Insulin degrading enzyme / IDE) knockout cells. Wild-type and IDE (Insulin degrading enzyme / IDE) knockout samples were subjected to SDS-PAGE. Ab201836 and **ab184095** (Mouse monoclonal [mAbcam 9484] to GAPDH - Loading Control (Alexa Fluor® 680) loading control) were incubated overnight at 4°C at 1/5000 dilution and 1/20000 dilution respectively. The loading control was imaged using the Licor Odyssey CLx prior to blots being developed with ECL technique.



Western blot - HRP Anti-Insulin degrading enzyme / IDE antibody [EPR6099] (ab201836)

All lanes : HRP Anti-Insulin degrading enzyme / IDE antibody [EPR6099] (ab201836) at 1/5000 dilution

Lane 1 : HeLa (Human epithelial carcinoma cell line) Whole Cell Lysate

Lane 2 : HepG2 (Human hepatocellular liver carcinoma cell line) Whole Cell Lysate

Lane 3 : A375 (Human melanoma cell line) Whole Cell Lysate

Lane 4 : K562 (Human erythromyeloblastoid leukemia cell line) Nuclear Lysate

Lysates/proteins at 10 µg per lane.

Developed using the ECL technique.

Performed under reducing conditions.

Predicted band size: 118 kDa

Observed band size: 118 kDa

Exposure time: 30 seconds

This blot was produced using a 4-12% Bis-tris gel under the MOPS buffer system. The gel was run at 200V for 50 minutes before being transferred onto a Nitrocellulose membrane at 30V for 70 minutes. The membrane was then blocked for an hour using 2% Bovine Serum Albumin before being incubated with ab201836 overnight at 4°C. Antibody binding was visualised using ECL development solution **ab133406**.

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

HRP Anti-Insulin degrading enzyme / IDE antibody
[EPR6099] (ab201836)

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

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