

Anti-DEPDC5 antibody [EPR20497-23] - BSA and Azide free ab272399

KO 評価済 リコンビナント RabMAb

画像数 3

製品の概要

製品名	Anti-DEPDC5 antibody [EPR20497-23] - BSA and Azide free
製品の詳細	Rabbit monoclonal [EPR20497-23] to DEPDC5 - BSA and Azide free
由来種	Rabbit
アプリケーション	適用あり: WB 適用なし: IHC-P or IP
種交差性	交差種: Mouse, Human 非交差種: 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: Wild-type mouse E14 brain lysate. A549 cell lysate. Human Brain cell lysate
特記事項	<p>ab272399 is the carrier-free version of ab213181.</p> <p>Our carrier-free antibodies are typically supplied in a PBS-only formulation, purified and free of BSA, sodium azide and glycerol. The carrier-free buffer and high concentration allow for increased conjugation efficiency.</p> <p>This conjugation-ready format is designed for use with fluorochromes, metal isotopes, oligonucleotides, and enzymes, which makes them ideal for antibody labelling, functional and cell-based assays, flow-based assays (e.g. mass cytometry) and Multiplex Imaging applications.</p> <p>Use our conjugation kits for antibody conjugates that are ready-to-use in as little as 20 minutes with <1 minute hands-on-time and 100% antibody recovery: available for fluorescent dyes, HRP, biotin and gold.</p> <p>This product is compatible with the Maxpar[®] Antibody Labeling Kit from Fluidigm, without the need for antibody preparation. Maxpar[®] is a trademark of Fluidigm Canada Inc.</p> <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</p>

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. Do Not Freeze.
バッファー	pH: 7.2 Constituent: PBS
キャリア・フリー	はい
精製度	Protein A purified
ポリ/モノ	モノクローナル
クローン名	EPR20497-23
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ab272399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。

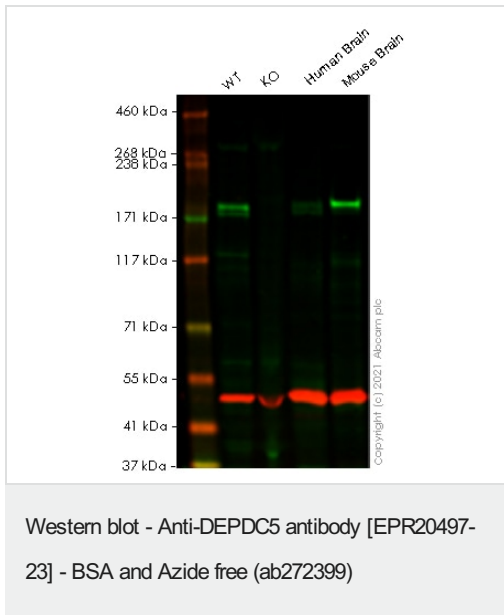
アプリケーション	Abreviews	特記事項
WB		Use at an assay dependent concentration. Detects a band of approximately 181 kDa (predicted molecular weight: 181 kDa).

追加情報 Is unsuitable for IHC-P or IP.

ターゲット情報

配列類似性 Belongs to the IML1 family.
Contains 1 DEP domain.

画像



All lanes : Anti-DEPDC5 antibody [EPR20497-23] (**ab213181**) at 1/1000 dilution

Lane 1 : Wild-type A549 cell lysate

Lane 2 : DEPDC5 knockout A549 cell lysate

Lane 3 : Human brain tissue lysate

Lane 4 : Mouse brain tissue lysate

Lysates/proteins at 20 µg per lane.

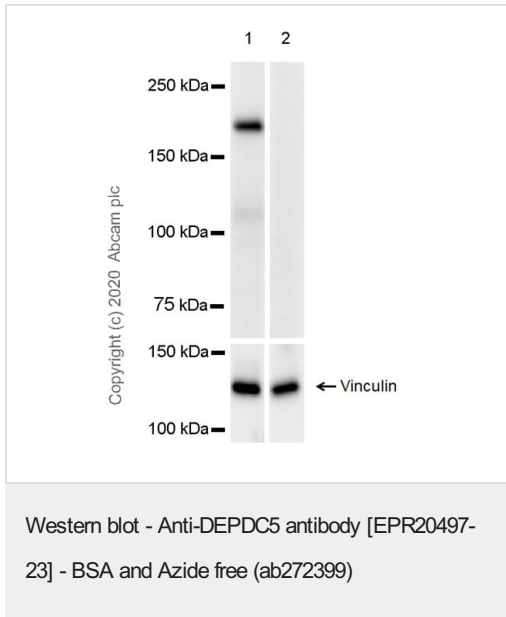
Performed under reducing conditions.

Predicted band size: 181 kDa

Observed band size: 181 kDa

False colour image of Western blot: Anti-DEPDC5 antibody [EPR20497-23] staining at 1/1000 dilution, shown in green; Mouse anti-Alpha Tubulin [DM1A] (**ab7291**) loading control staining at 1/20000 dilution, shown in red. In Western blot, **ab213181** was shown to bind specifically to DEPDC5. A band was observed at 181 kDa in wild-type A549 cell lysates with no signal observed at this size in DEPDC5 knockout cell line **ab266906** (knockout cell lysate **ab258394**). To generate this image, wild-type and DEPDC5 knockout A549 cell lysates were analysed. First, samples were run on an SDS-PAGE gel then transferred onto a nitrocellulose membrane. Membranes were blocked in 5 % milk in TBS-0.1 % Tween[®] 20 (TBS-T) before incubation with primary antibodies overnight at 4 °C. Blots were washed four times in TBS-T, incubated with secondary antibodies for 1 h at room temperature, washed again four times then imaged. Secondary antibodies used were Goat anti-Rabbit IgG H&L (IRDye[®] 800CW) preabsorbed (**ab216773**) and Goat anti-Mouse IgG H&L (IRDye[®] 680RD)

preabsorbed ([ab216776](#)) at 1/20000 dilution.



Blocking and diluting buffer and concentration: 5% NFDM/TBST.

The wild-type and DEPDC5 knockout mouse E14 brain tissue lysates were kindly provided by an anonymous collaborator.

[ab213181](#) was shown to specifically react with DEPDC5 in wild-type mouse E14 brain tissue as signal was lost in DEPDC5 knockout tissue. Wild-type and DEPDC5 knockout samples were subjected to SDS-PAGE. [ab213181](#) and [ab129002](#) (Rabbit anti-Vinculin loading control) were incubated 1 hour at room temperature at 1/1000 dilution and 1/5000 dilution respectively. Blots were developed with Goat Anti-Rabbit IgG, (H+L), Peroxidase conjugated ([ab97051](#)) secondary antibody at 1/100,000 dilution for 1 hour at room temperature before imaging. The blot was developed on a BIO-RAD[®] ChemiDoc[™] MP instrument using the ECL technique.

Exposure time: 26 seconds.

This data was developed using the same antibody clone in a different buffer formulation containing PBS, glycerol, BSA and sodium azide ([ab213181](#)).

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-DEPDC5 antibody [EPR20497-23] - BSA and Azide free (ab272399)

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