abcam

Product datasheet

Anti-DARPP32 antibody [EP720Y] - BSA and Azide free ab220808

リコンビナント RabMAb

18 References 画像数 7

製品の概要

製品名	Anti-DARPP32 antibody [EP720Y] - BSA and Azide free
製品の詳細	Rabbit monoclonal [EP720Y] to DARPP32 - BSA and Azide free
由来種	Rabbit
アプリケーション	**適用あり:** WB, IHC-P, ICC/IF, IP
種交差性	**交差種:** Mouse, Rat, Human **交差が予測される動物種:** Pig
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	Rat brain, cerebral cortex and hippocampus tissue; Mouse brain and cerebral cortex tissue; Human breast adenocarcinoma; Human fetal brain tissue lysate; Human colon tissue; pig brain tissue.
特記事項	ab220808 is the carrier-free version of **ab40801**. 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. 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. 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. 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. 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. Do Not Freeze.
バッファー	pH: 7.20 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	EP720Y
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ab220808の使用に適用されます**

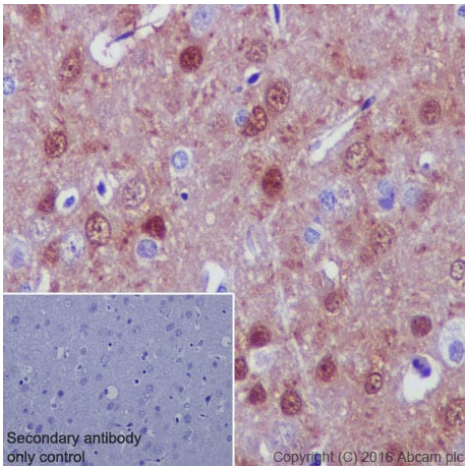
アプリケーションノートには、推奨の開始希釈率がありますが、適切な希釈率につきましてはご検討ください。

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 32 kDa (predicted molecular weight: 32 kDa).
IHC-P		Use at an assay dependent concentration. Perform heat mediated antigen retrieval with Tris/EDTA buffer pH 9.0 before commencing with IHC staining protocol. See **IHC antigen retrieval protocols**.
ICC/IF		Use at an assay dependent concentration.
IP		Use at an assay dependent concentration.

ターゲット情報

機能	Inhibitor of protein-phosphatase 1.
配列類似性	Belongs to the protein phosphatase inhibitor 1 family.
翻訳後修飾	Dopamine- and cyclic AMP-regulated neuronal phosphoprotein. Phosphorylation of Thr-34 is required for activity.
細胞内局在	Cytoplasm.

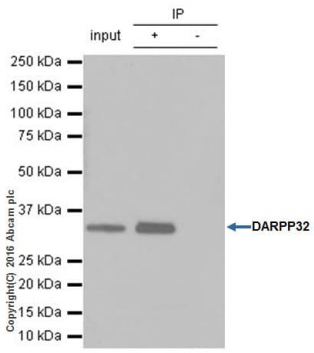
画像



Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-DARPP32 antibody [EP720Y] - BSA and Azide free (ab220808)

Immunohistochemical analysis of paraffin-embedded Rat cerebral cortex sections labelling DARPP32 with purified **ab40801** at dilution of 1/50. The secondary antibody used was **ab97051**; a goat anti-rabbit IgG H&L (HRP) at dilution of 1/500. The sample was counterstained with hematoxylin. Antigen retrieval was performed using EDTA Buffer; pH 9.0. PBS was used instead of the primary antibody as the negative control and is shown in the inset.

This data was developed using the same antibody clone in a different buffer formulation containing PBS, BSA, glycerol, and sodium azide (**ab40801**).



Immunoprecipitation - Anti-DARPP32 antibody [EP720Y] - BSA and Azide free (ab220808)

ab40801 at 1/20 immunoprecipitating DARPP32 in rat brain whole cell lysate observed at 32 KDa (lanes 1 and 2).

Lane 1 (input): Rat brain whole cell lysate 10µg

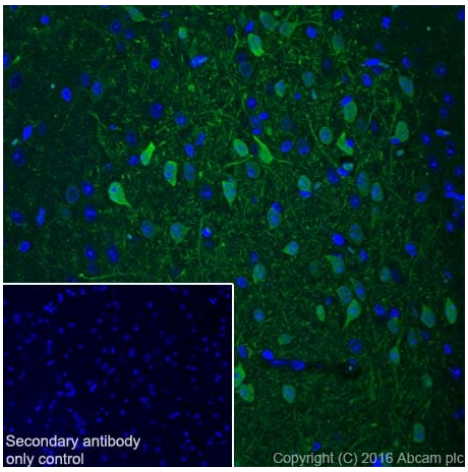
Lane 2 (+): **ab40801** + Rat brain whole cell lysate.

Lane 3 (-): Rabbit monoclonal IgG (**ab172730**) instead of **ab40801** in Rat brain whole cell lysate

For western blotting, **ab131366** VeriBlot for IP (HRP) was used for detection at 1/1000 dilution.

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

This data was developed using the same antibody clone in a different buffer formulation containing PBS, BSA, glycerol, and sodium azide (**ab40801**).

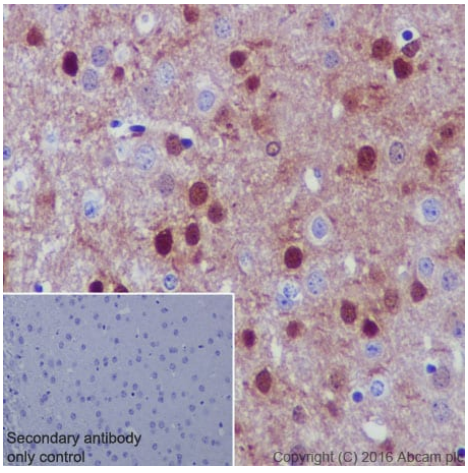


Immunocytochemistry/ Immunofluorescence - Anti-DARPP32 antibody [EP720Y] - BSA and Azide free (ab220808)

Immunocytochemistry/Immunofluorescence analysis of mouse brain tissue lysate labelling DARPP32 with purified **ab40801** at 1/100 (3.4 µg/mL). Cells were fixed with 4% Paraformaldehyde and permeabilized with 0.2% Triton X-100. Antigen retrieval was performed with Heated citrate solution (10mM citrate PH 6.0 + 0.05% Tween-20). **ab150077**, Alexa Fluor® 488-conjugated goat anti-rabbit IgG (1/1000, 2 µg/mL) was used as the secondary antibody.

Secondary Only Control: PBS was used instead of the primary antibody as the negative control and is shown in the inset.

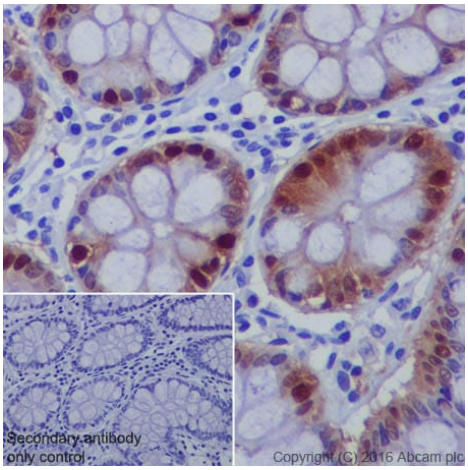
This data was developed using the same antibody clone in a different buffer formulation containing PBS, BSA, glycerol, and sodium azide (**ab40801**).



Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-DARPP32 antibody [EP720Y] - BSA and Azide free (ab220808)

Immunohistochemical analysis of paraffin-embedded Mouse cerebral cortex sections labelling DARPP32 with purified **ab40801** at dilution of 1/50. The secondary antibody used was **ab97051**; a goat anti-rabbit IgG H&L (HRP) at dilution of 1/500. The sample was counterstained with hematoxylin. Antigen retrieval was performed using EDTA Buffer; pH 9.0. PBS was used instead of the primary antibody as the negative control and is shown in the inset.

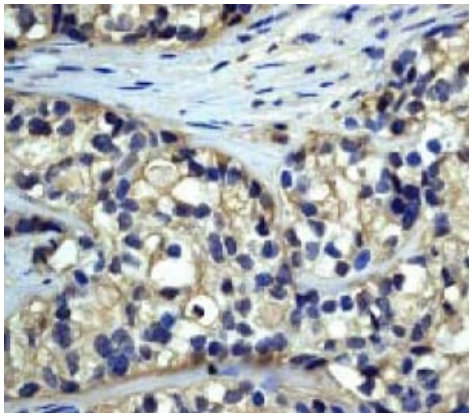
This data was developed using the same antibody clone in a different buffer formulation containing PBS, BSA, glycerol, and sodium azide (**ab40801**).



Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-DARPP32 antibody [EP720Y] - BSA and Azide free (ab220808)

Immunohistochemical analysis of paraffin-embedded human colon sections labelling DARPP32 with purified **ab40801** at dilution of 1/50. The secondary antibody used was **ab97051**; a goat anti-rabbit IgG H&L (HRP) at dilution of 1/500. The sample was counterstained with hematoxylin. Antigen retrieval was performed using EDTA Buffer; pH 9.0. PBS was used instead of the primary antibody as the negative control and is shown in the inset.

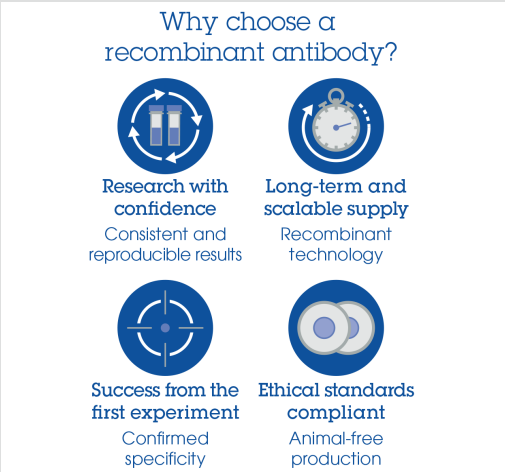
This data was developed using the same antibody clone in a different buffer formulation containing PBS, BSA, glycerol, and sodium azide (**ab40801**).



Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-DARPP32 antibody [EP720Y] - BSA and Azide free (ab220808)

Immunohistochemical analysis of human breast adenocarcinoma sections labelling DARPP32 with unpurified **ab40801** at a dilution of 1/50.

This data was developed using the same antibody clone in a different buffer formulation containing PBS, BSA, glycerol, and sodium azide (**ab40801**).



Anti-DARPP32 antibody [EP720Y] - BSA and Azide free (ab220808)

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