

Anti-DCAMKL1 antibody [EPR6085] - BSA and Azide free ab187184

KO 評価済 リコンビナント RabMAb

画像数 5

製品の概要

製品名	Anti-DCAMKL1 antibody [EPR6085] - BSA and Azide free
製品の詳細	Rabbit monoclonal [EPR6085] to DCAMKL1 - BSA and Azide free
由来種	Rabbit
特異性	The human recommendation is based on the WB results. We do not guarantee IHC-P for human.
アプリケーション	適用あり: IHC-P, WB 適用なし: Flow Cyt or IP
種交差性	交差種: Mouse, Rat, Human
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: SH-SY5Y (Human neuroblastoma epithelial cell) whole cell lysate, Mouse and rat cerebellum lysate, brain lysate and colon lysate, NIH/3T3 (Mouse embryonic fibroblast) whole cell lysate, HAP1 whole cell lysate, human brain lysate. IHC-P: Mouse stomach, Rat colon.
特記事項	ab187184 is the carrier-free version of ab109029 .

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.

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. 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	EPR6085
アイソタイプ	IgG

アプリケーション

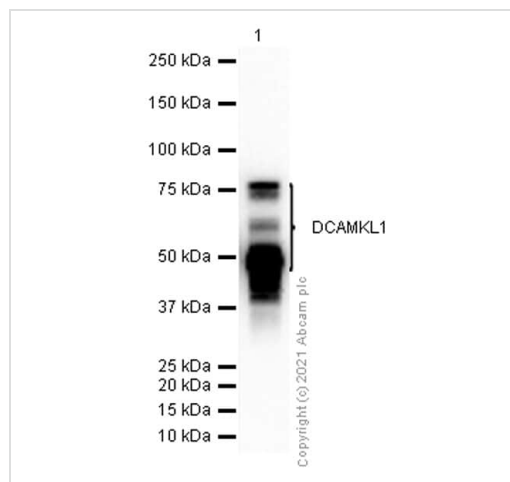
The Abpromise guarantee **Abpromise保証は、次のテスト済みアプリケーションにおけるab187184の使用に適用されます**
アプリケーションノートには、推奨の開始希釈率がありますが、適切な希釈率につきましてはご検討ください。

アプリケーション	Abreviews	特記事項
IHC-P		Use at an assay dependent concentration. Perform heat mediated antigen retrieval before commencing with IHC staining protocol. The human recommendation is based on the WB results. We do not guarantee IHC-P for human.
WB		Use at an assay dependent concentration. Detects a band of approximately 50-82 kDa (predicted molecular weight: 82 kDa).

追加情報 Is unsuitable for Flow Cyt or IP.

ターゲット情報

機能	Probable kinase that may be involved in a calcium-signaling pathway controlling neuronal migration in the developing brain. May also participate in functions of the mature nervous system.
組織特異性	In fetal tissues, highly expressed in brain, detectable in lung and liver, but not in kidney. In adult tissues, expressed ubiquitously in the brain, detectable in the heart, liver, spleen, thymus, prostate, testis, ovary, small intestine and colon. The type A isoforms seem to be expressed predominantly in fetal brain whereas type B isoforms are expressed abundantly in both fetal and adult brain.
配列類似性	Belongs to the protein kinase superfamily. CAMK Ser/Thr protein kinase family. CaMK subfamily. Contains 2 doublecortin domains. Contains 1 protein kinase domain.



Western blot - Anti-DCAMKL1 antibody [EPR6085] - BSA and Azide free (ab187184)

Anti-DCAMKL1 antibody [EPR6085] ([ab109029](#)) at 1/5000 dilution + SH-SY5Y (Human neuroblastoma epithelial cell) whole cell lysate at 20 µg

Secondary

Goat Anti-Rabbit IgG H&L (HRP) ([ab97051](#)) at 1/20000 dilution

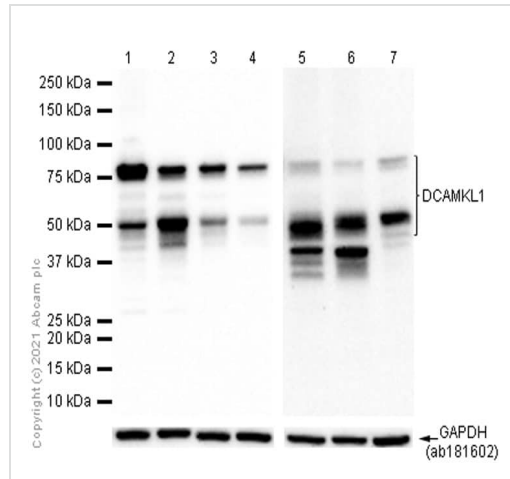
Predicted band size: 82 kDa

Observed band size: 47,82 kDa

This data was developed using the same antibody clone in a different buffer formulation containing PBS, BSA, glycerol, and sodium azide ([ab109029](#)).

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

The antibody recognizes isoforms of AL, AS, BS and BL.



Western blot - Anti-DCAMKL1 antibody [EPR6085] - BSA and Azide free (ab187184)

All lanes : Anti-DCAMKL1 antibody [EPR6085] ([ab109029](#)) at 1/5000 dilution

Lane 1 : Mouse brain lysate

Lane 2 : Rat brain lysate

Lane 3 : Mouse cerebellum lysate

Lane 4 : Rat cerebellum lysate

Lane 5 : Mouse colon lysate

Lane 6 : Rat colon lysate

Lane 7 : NIH/3T3 (Mouse embryonic fibroblast) whole cell lysate

Lysates/proteins at 20 µg per lane.

Secondary

All lanes : Goat Anti-Rabbit IgG H&L (HRP) ([ab97051](#)) at 1/20000 dilution

Predicted band size: 82 kDa

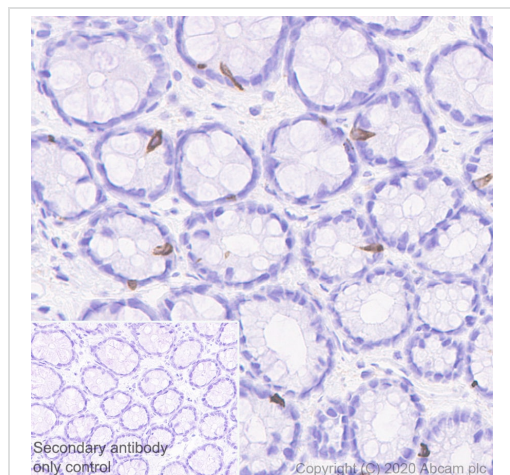
Observed band size: 47,82 kDa

This data was developed using the same antibody clone in a different buffer formulation containing PBS, BSA, glycerol, and sodium azide ([ab109029](#)).

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

[ab181602](#) was used as GAPDH loading control.

This antibody recognizes isoforms of AL, AS, BS and BL.



Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-DCAMKL1 antibody [EPR6085] - BSA and Azide free (ab187184)

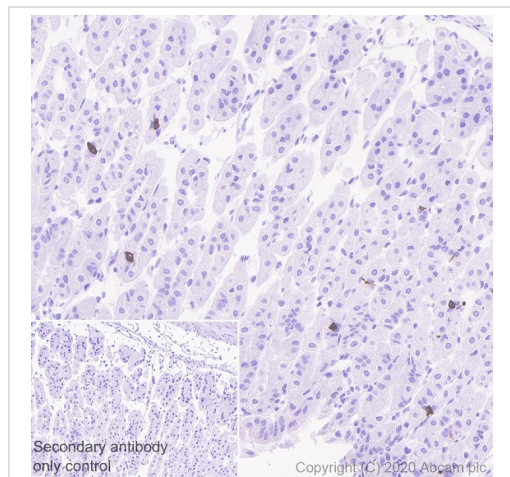
This data was developed using the same antibody clone in a different buffer formulation containing PBS, BSA, glycerol, and sodium azide ([ab109029](#)).

Immunohistochemical analysis of Paraffin-embedded sections rat colon tissue labelling DCAMKL1 with [ab109029](#) at 1/4000 dilution, followed by a ready to use secondary Rabbit specific IHC polymer detection kit HRP/DAB ([ab209101](#)). Staining on rat colon tissue is observed. Counter stained with Haematoxylin.

Secondary antibody only control: Used PBS instead of primary antibody, secondary antibody is ready to use Rabbit specific IHC polymer detection kit HRP/DAB ([ab209101](#)).

Heat mediated antigen retrieval using Bond™ Epitope Retrieval Solution 2 (pH 9.0)

The immunostaining was performed on a Leica Biosystems BOND® RX instrument.



Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-DCAMKL1 antibody [EPR6085] - BSA and Azide free (ab187184)

This data was developed using the same antibody clone in a different buffer formulation containing PBS, BSA, glycerol, and sodium azide ([ab109029](#)).

Immunohistochemical analysis of Paraffin-embedded sections mouse stomach tissue labelling DCAMKL1 with [ab109029](#) at 1/4000 dilution, followed by a ready to use secondary Rabbit specific IHC polymer detection kit HRP/DAB ([ab209101](#)). Staining on mouse stomach tissue is observed. Counter stained with Haematoxylin.

Secondary antibody only control: Used PBS instead of primary antibody, secondary antibody is ready to use Rabbit specific IHC polymer detection kit HRP/DAB ([ab209101](#)).

Heat mediated antigen retrieval using Bond™ Epitope Retrieval Solution 2 (pH 9.0)

The immunostaining was performed on a Leica Biosystems BOND® RX instrument.

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

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