


Anti-P2X4 antibody ab134559

[3 References](#) [画像数 2](#)

製品の概要

製品名	Anti-P2X4 antibody
製品の詳細	Goat polyclonal to P2X4
由来種	Goat
特異性	Preliminary testing was unsuccessful on Mouse and Rat Kidney and Liver in Western blot.
アプリケーション	適用あり: IHC-P, WB, ICC/IF
種交差性	交差種: Human 交差が予測される動物種: Mouse, Rat, Rabbit, Chicken, Guinea pig, Hamster, Cow, Dog, Pig, Orangutan 
免疫原	Synthetic peptide corresponding to Mouse P2X4 aa 56-69 (internal sequence) (Cysteine residue). Sequence: ETDSVSSVTTKAK

Database link: [Q9JJX6](#)

 [Run BLAST with](#)

 [Run BLAST with](#)

ポジティブ・コントロール WB: A549 cell lysate; ICC/IF: A431 cells; IHC-P: Human uterus tissue.

特記事項 The Life Science industry has been in the grips of a reproducibility crisis for a number of years. Abcam is leading the way in addressing this with our range of recombinant monoclonal antibodies and knockout edited cell lines for gold-standard validation. Please check that this product meets your needs before purchasing.

If you have any questions, special requirements or concerns, please send us an inquiry and/or contact our Support team ahead of purchase. Recommended alternatives for this product can be found below, along with publications, customer reviews and Q&As

製品の特性

製品の状態	Liquid
保存方法	Shipped at 4°C. Upon delivery aliquot and store at -20°C. Avoid freeze / thaw cycles.
バッファー	pH: 7.3 Preservative: 0.02% Sodium azide Constituents: 99% Tris buffered saline, 0.5% BSA

精製度	Immunogen affinity purified
特記事項(精製)	Purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide.
ポリクローナル	ポリクローナル
アイソタイプ	IgG

アプリケーション

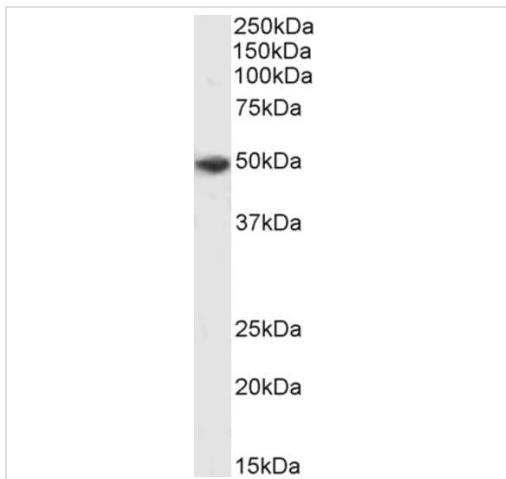
The Abpromise guarantee **Abpromise保証は、次のテスト済みアプリケーションにおけるab134559の使用に適用されず**
 アプリケーションノートには、推奨の開始希釈率がありますが、適切な希釈率につきましてはご検討ください。

アプリケーション	Abreviews	特記事項
IHC-P		Use a concentration of 5 µg/ml. Perform heat mediated antigen retrieval with citrate buffer pH 6 before commencing with IHC staining protocol.
WB		Use a concentration of 0.3 - 1 µg/ml. Detects a band of approximately 48-50 kDa (predicted molecular weight: 43 kDa). 1 hour primary incubation is recommended for this product.
ICC/IF		Use a concentration of 10 µg/ml.

ターゲット情報

機能	Receptor for ATP that acts as a ligand-gated ion channel. This receptor is insensitive to the antagonists PPADS and suramin.
配列類似性	Belongs to the P2X receptor family.
細胞内局在	Membrane.

画像

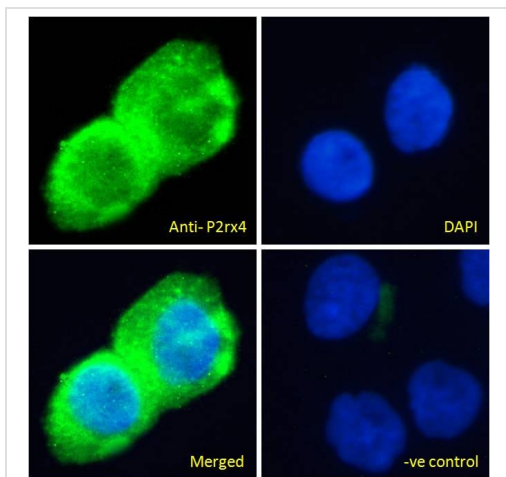


Western blot - Anti-P2X4 antibody (ab134559)

Anti-P2X4 antibody (ab134559) at 0.3 µg/ml + A549 (human lung carcinoma cell line) cell lysate (35µg protein in RIPA buffer)

Predicted band size: 43 kDa

Observed band size: 48-50 kDa



Immunocytochemistry/ Immunofluorescence - Anti-P2X4 antibody (ab134559)

Immunofluorescence analysis of paraformaldehyde fixed A431 cells labeling P2X4 with ab134559. Cells permeabilized with 0.15% Triton. Primary incubation 1 hour (10 µg/mL) followed by Alexa Fluor® 488 secondary antibody (4 µg/mL), showing cytoplasmic staining. The nuclear stain is DAPI (blue). Negative control: Unimmunized goat IgG (10 µg/mL) followed by Alexa Fluor® 488 secondary antibody (4 µg/mL).

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