

Anti-TRPM2 antibody ab11168

[2 Abreviews](#) [20 References](#) [画像数 3](#)

製品の概要

製品名	Anti-TRPM2 antibody
製品の詳細	Rabbit polyclonal to TRPM2
由来種	Rabbit
アプリケーション	適用あり: IHC-P, WB, IP
種交差性	交差種: Rat, Human 交差が予測される動物種: Mouse, Chimpanzee, Rhesus monkey, Gorilla, Orangutan, Elephant



免疫原	Synthetic peptide corresponding to Human TRPM2 aa 650-750. Database link: 7226
-----	---

特記事項	<p>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.</p> <p>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</p>
------	---

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 Preservative: 0.1% Sodium azide Constituents: 0.021% PBS, 1.764% Sodium citrate, 1.815% Tris
精製度	Immunogen affinity purified
特記事項(精製)	Antibodies were affinity purified using the peptide immobilized on solid support.
ポリ/モノ	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ab11168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 a concentration of 1 µg/ml.
WB		1/300. Predicted molecular weight: 171 kDa.
IP		Use at 1-4 µg/mg of lysate.

ターゲット情報

機能

Nonselective, voltage-independent cation channel mediating sodium and calcium ion influx in response to oxidative stress. Extracellular calcium passes through the channel and acts from the intracellular side as a positive regulator in channel activation. Activated by ADP-ribose, nicotinamide adenine dinucleotide (NAD(+)), reactive nitrogen species and arachidonic acid. Inactivated by intracellular ATP. Confers susceptibility to cell death following oxidative stress. Isoform 2 does not seem to be regulated by ADPR. Has ADP-ribose pyrophosphatase activity.

組織特異性

Highly expressed in brain and peripheral blood cells, such as neutrophils. Also detected in bone marrow, spleen, heart, liver and lung. Isoform 2 is found in neutrophil granulocytes.

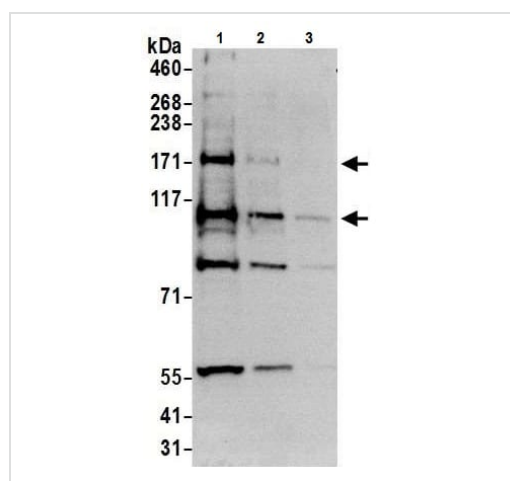
配列類似性

Belongs to the transient receptor (TC 1.A.4) family. LTrpC subfamily. TRPM2 sub-subfamily. Contains 1 nudix hydrolase domain.

細胞内局在

Membrane.

画像



Western blot - Anti-TRPM2 antibody (ab11168)

All lanes : Anti-TRPM2 antibody (ab11168) at 0.1 µg

Lane 1 : Jurkat (human T cell leukemia cell line from peripheral blood) membrane preparation at 50 µg

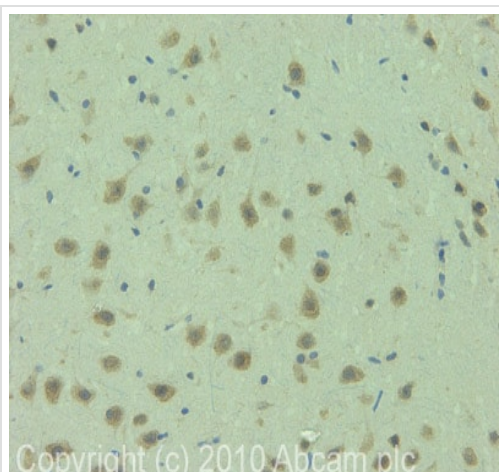
Lane 2 : Jurkat membrane preparation at 15 µg

Lane 3 : Jurkat membrane preparation at 5 µg

Developed using the ECL technique.

Predicted band size: 171 kDa

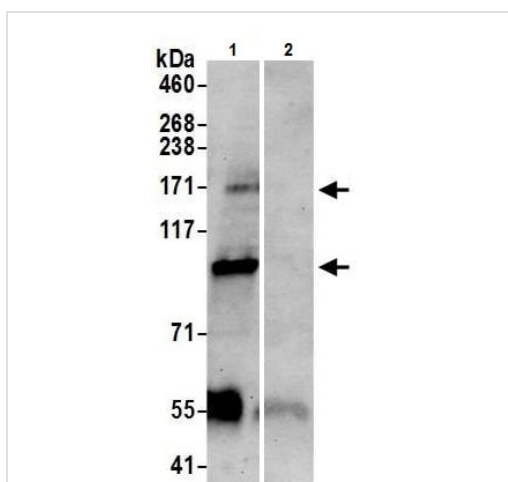
Exposure time: 3 minutes



Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-TRPM2 antibody (ab11168)

IHC image of ab11168 staining in rat brain formalin fixed paraffin embedded tissue section, performed on a Leica Bond™ system using the standard protocol F. The section was pre-treated using heat mediated antigen retrieval with sodium citrate buffer (pH6, epitope retrieval solution 1) for 20 mins. The section was then incubated with ab11168, 1µg/ml, for 15 mins at room temperature and detected using an HRP conjugated compact polymer system. DAB was used as the chromogen. The section was then counterstained with haematoxylin and mounted with DPX.

For other IHC staining systems (automated and non-automated) customers should optimize variable parameters such as antigen retrieval conditions, primary antibody concentration and antibody incubation times.



Immunoprecipitation - Anti-TRPM2 antibody (ab11168)

Detection of human TRPM2 by western blot of immunoprecipitates. *Samples:* Membrane Prep (0.5 or 1.0mg per IP reaction; 20% of IP loaded) from Jurkat cells. *Antibodies:* Affinity purified rabbit anti-TRPM2 antibody A300-414A (lot A300-414A-3) used for IP at 6µg per reaction. TRPM2 was also immunoprecipitated by rabbit anti-TRPM2 antibody A300-413A. For blotting immunoprecipitated TRPM2, A300-414A was used at 1 µg/ml. *Detection:* Chemiluminescence with an exposure time of 30 seconds.

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

Our Abpromise to you: Quality guaranteed and expert technical support

- Replacement or refund for products not performing as stated on the datasheet
- Valid for 12 months from date of delivery
- Response to your inquiry within 24 hours
- We provide support in Chinese, English, French, German, Japanese and Spanish
- Extensive multi-media technical resources to help you

- We investigate all quality concerns to ensure our products perform to the highest standards

If the product does not perform as described on this datasheet, we will offer a refund or replacement. For full details of the Abpromise, please visit <https://www.abcam.co.jp/abpromise> or contact our technical team.

Terms and conditions

- Guarantee only valid for products bought direct from Abcam or one of our authorized distributors