




Anti-TRPV3 antibody [N15/4] ab85022

★★★★★ [2 Abreviews](#) [7 References](#) [4 图像](#)

概述

产品名称	Anti-TRPV3抗体[N15/4]
描述	小鼠单克隆抗体[N15/4] to TRPV3
宿主	Mouse
经测试应用	适用于: WB, Flow Cyt, IHC-P
种属反应性	与反应: Mouse, Human 预测可用于: Cow 
免疫原	Synthetic peptide corresponding to Rat TRPV3 aa 774-791. From the cytoplasmic C-terminus Sequence: KTTLYAFDELDEFPEHSV Database link: NP_001020928  Run BLAST with  Run BLAST with
阳性对照	COS-1 cell lysate transiently transfected with TRPV3.
常规说明	<p>The clone number has been updated from S15-4 to N15/4, both clone numbers name the same antibody clone.</p> <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>

性能

形式	Liquid
存放说明	Shipped at 4°C. Store at -20°C. Stable for 12 months at -20°C.
存储溶液	Preservative: 0.09% Sodium azide Constituents: 50% Glycerol (glycerin, glycerine), PBS
纯度	Protein G purified

克隆	单克隆
克隆编号	N15/4
同种型	IgG2a

应用

The Abpromise guarantee **Abpromise™**承诺保证使用ab85022于以下的经测试应用

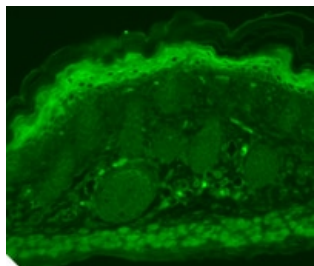
“应用说明”部分下显示的仅为推荐的起始稀释度;实际最佳的稀释度/浓度应由使用者检定。

应用	Ab评论	说明
WB		Use a concentration of 1 µg/ml. Predicted molecular weight: 90 kDa.
Flow Cyt		Use 1µg for 10 ⁶ cells. ab170191 - Mouse monoclonal IgG2a, is suitable for use as an isotype control with this antibody.
IHC-P	★★★★★ (2)	1/1000.

靶标

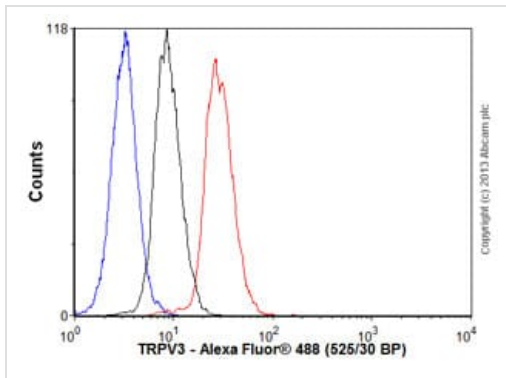
功能	Putative receptor-activated non-selective calcium permeant cation channel. It is activated by innocuous (warm) temperatures and shows an increased response at noxious temperatures greater than 39 degrees Celsius. Activation exhibits an outward rectification. May associate with TRPV1 and may modulate its activity.
组织特异性	Abundantly expressed in CNS. Widely expressed at low levels. Detected in dorsal root ganglion (at protein level).
序列相似性	Belongs to the transient receptor (TC 1.A.4) family. TrpV subfamily. TRPV3 sub-subfamily. Contains 3 ANK repeats.
细胞定位	Membrane.

图片



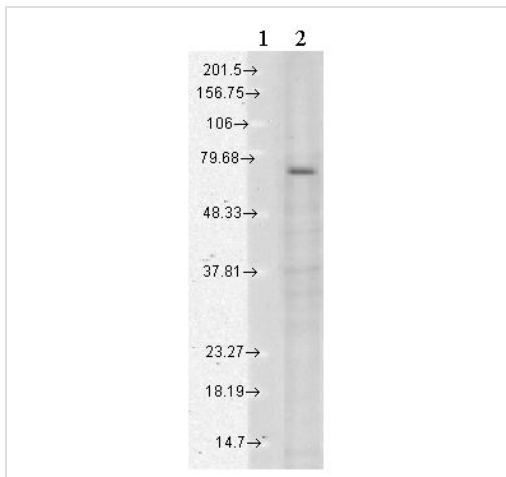
Immunohistochemical analysis of Bouin's Fixative and paraffin-embedded Mouse backskin tissue labelling TrpV3 with ab85022 at 1/100 dilution (1 hour at RT), followed by FITC Goat Anti-Mouse (green) at 1/50 (1 hour at RT).

Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-TRPV3 antibody [N15/4] (ab85022)



Flow Cytometry - Anti-TRPV3 antibody [N15/4]
(ab85022)

Overlay histogram showing SH-SY5Y cells stained with ab85022 (red line). The cells were fixed with 80% methanol (5 min) and incubated in 1x PBS / 10% normal goat serum / 0.3M glycine to block non-specific protein-protein interactions. The cells were then incubated with the antibody (ab85022, 1µg/1x10⁶ cells) for 30 min at 22°C. The secondary antibody used was Alexa Fluor® 488 goat anti-mouse IgG (H&L) (**ab150113**) at 1/2000 dilution for 30 min at 22°C. Isotype control antibody (black line) was mouse IgG2a [ICIGG2A] (**ab91361**, 1µg/1x10⁶ cells) used under the same conditions. Unlabelled sample (blue line) was also used as a control. Acquisition of >5,000 events were collected using a 20mW Argon ion laser (488nm) and 525/30 bandpass filter. Please note that Abcam do not have any data for use of this antibody on non-fixed cells. We welcome any customer feedback.



Western blot - Anti-TRPV3 antibody [N15/4]
(ab85022)

All lanes : Anti-TRPV3 antibody [N15/4] (ab85022) at 1 µg/ml

Lane 1 : Molecular weight marker

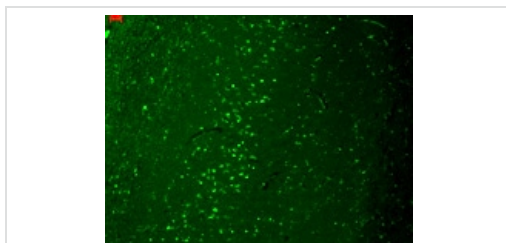
Lane 2 : Cell lysates prepared from mixture of human cell lines A431, A549, HCT116, HeLa, HEK293, HepG2, HL-60, HUVEC, Jurkat, MCF7, PC3 and T98G at 15 µg

Secondary

Lane 2 : Sheep Anti-Mouse IgG: HRP for 1 hour at RT

Predicted band size: 90 kDa

Block: 1.5% BSA for 30 minutes at RT



Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-TRPV3 antibody [N15/4]
(ab85022)

Immunohistochemical analysis of Bouin's Fixative and paraffin-embedded Human hippocampus tissue labelling TrpV3 with ab85022 at 1/1000 dilution (1 hour at RT), followed by FITC Goat Anti-Mouse (green) at 1/50 (1 hour at RT).

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