abcam

Product datasheet

Anti-TRP 7 antibody [N64A/36] ab93618

1 References   3 图像

概述

产品名称	Anti-TRP 7抗体[N64A/36]
描述	小鼠单克隆抗体[N64A/36] to TRP 7
宿主	Mouse
经测试应用	**适用于:** WB, IHC-P, ICC/IF
种属反应性	**与反应:** Mouse, Rat, Human
免疫原	Synthetic peptide:
	LRVNKGKDI
	, corresponding to amino acids 854-862 of Human TRP 7 (UniProt Q9HCX4).
	Run BLAST with **Run BLAST with**
阳性对照	Rat brain lysate
常规说明	The clone number has been updated from S64A-36 to N64A/36, both clone numbers name the same antibody clone.
	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

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	N64A/36
同种型	IgG1

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应用

应用	Ab评论	说明
WB		
IHC-P		
ICC/IF		

应用说明	ICC: Use at a concentration of 0.1 - 1 µg/ml.
	ICC/IF: Use at a concentration of 1 - 10 µg/ml.
	IHC-P: Use at a concentration of 0.1 - 1 µg/ml.
	IHC-Fr: Use at a concentration of 0.1 - 1 µg/ml.
	WB: Use at a concentration of 1 - 10 µg/ml. Predicted molecular weight: 100 kDa.
	Not yet tested in other applications.
	Optimal dilutions/concentrations should be determined by the end user.

靶标

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功能	Thought to form a receptor-activated non-selective calcium permeant cation channel. Probably is operated by a phosphatidylinositol second messenger system activated by receptor tyrosine kinases or G-protein coupled receptors. Activated by diacylglycerol (DAG) (By similarity). May also be activated by intracellular calcium store depletion.
序列相似性	Belongs to the transient receptor (TC 1.A.4) family. STrpC subfamily. TRPC7 sub-subfamily. Contains 4 ANK repeats.
细胞定位	Membrane.

图片
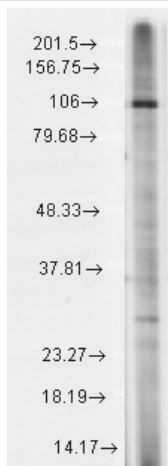
Western blot - Anti-TRP 7 antibody [N64A/36]
(ab93618)

Western blot detection of Trp7 in Rat brain membrane lysates using ab93618 at 1:1000 dilution.
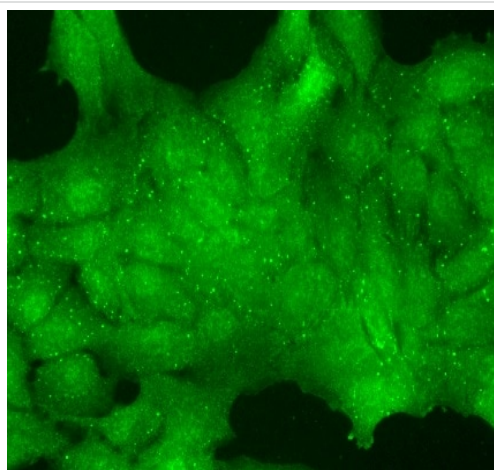
Immunocytochemistry/ Immunofluorescence - Anti-TRP 7 antibody [N64A/36] (ab93618)

Cold 100% methanol for 10 minutes at -20°C fixed HaCaT cells labeling TRP 7 (green) using ab93618 at 1/100 dilution for 1 hour at room temperature. FITC Goat anti-mouse (green) was used as the secondary antibody at 1/50 dilution for 1 hour at room temperature. Nuclear staining is observed.
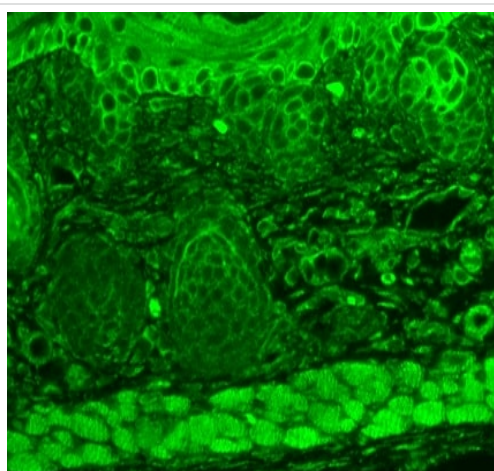
Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-TRP 7 antibody [N64A/36] (ab93618)

Bouin's-fixed, paraffin-embedded mouse backskin tissue stained for TRP 7 (green) using ab93618 at 1/100 dilution in immunohistochemical analysis. Goat Anti-Mouse was used as the secodary antibody at 1/50 dilution.

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