


Anti-pan Sodium Channel antibody ab53724

1 References **1 图像**

概述

产品名称	Anti-pan Sodium Channel抗体
描述	兔多克隆抗体to pan Sodium Channel
宿主	Rabbit
特异性	Detects endogenous levels of total sodium channel protein.
经测试应用	适用于: WB
种属反应性	与反应: Human 预测可用于: Mouse, Rat 
免疫原	Synthetic peptide corresponding to Human pan Sodium Channel.
阳性对照	Extracts from HuvEc cells.
常规说明	<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. Upon delivery aliquot and store at -20°C. Avoid freeze / thaw cycles.
存储溶液	<p>pH: 7.40</p> <p>Preservative: 0.02% Sodium azide</p> <p>Constituents: 50% Glycerol (glycerin, glycerine), 0.87% Sodium chloride, PBS</p> <p>Without Mg+2 and Ca+2</p>
纯度	Immunogen affinity purified
克隆	多克隆
同种型	IgG

应用

The Abpromise guarantee **Abpromise™**承诺保证使用ab53724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		1/500 - 1/1000. Detects a band of approximately 227 kDa (predicted molecular weight: 227 kDa).

靶标

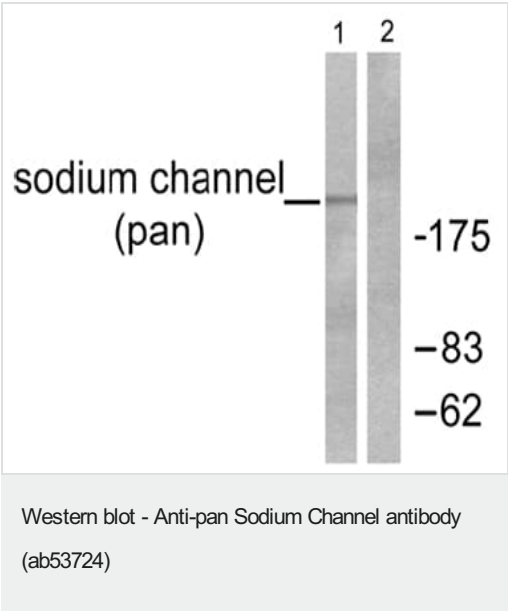
相关性

The pan sodium ion channel, SCN5A, is a cardiac sodium channel distinct from those in nerve and muscle. It is a tetrodotoxin-resistant Na(+) channel isoform. SCN5A mediates the voltage-dependent sodium ion permeability of excitable membranes by opening or closing in response to the voltage difference across the membrane. Na(+) ions pass in accordance with their electrochemical gradient. This channel is responsible for the initial upstroke of the action potential in the electrocardiogram. Defects in SCN5A are involved in many diseases including: progressive familial heart block type I (PFHBI), also known as Lenegre-Lev disease or progressive cardiac conduction defect (PCCD); long QT syndrome type 3 (LQT3); Brugada syndrome; sick sinus syndrome 1 (SSS1); idiopathic ventricular fibrillation (IVF), also called paroxysmal familial ventricular fibrillation; sudden infant death syndrome (SIDS); familial atrial standstill and dilated cardiomyopathy 1E (CMD1E).

细胞定位

Cell Membrane; Multi-pass membrane protein.

图片



All lanes : Anti-pan Sodium Channel antibody (ab53724) at 1/500 dilution

Lane 1 : extracts from HuvEc cells

Lane 2 : extracts from HuvEc cells with immunizing peptide

Predicted band size: 227 kDa

Observed band size: 227 kDa

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

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