

Anti-Nav1.6/SCN8A antibody ab65166

★★★★★ [4 Abreviews](#) [12 References](#)

概述

产品名称	Anti-Nav1.6/SCN8A抗体
描述	兔多克隆抗体to Nav1.6/SCN8A
宿主	Rabbit
经测试应用	适用于: IHC-Fr, IHC-P, IHC-Fr/I, IHC-FoFr, ICC/IF, WB
种属反应性	与反应: Mouse, Rat, Human
免疫原	Synthetic peptide. This information is proprietary to Abcam and/or its suppliers.
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. Store at +4°C short term (1-2 weeks). Upon delivery aliquot. Store at -20°C or -80°C. Avoid freeze / thaw cycle.
存储溶液	Constituent: Whole serum
纯度	Whole antiserum
克隆	多克隆
同种型	IgG

应用

The Abpromise guarantee **Abpromise™** 承诺保证使用ab65166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
IHC-Fr		Use at an assay dependent concentration.
IHC-P	★★★★★ (1)	Use at an assay dependent concentration.
IHC-FrFI	★★★★★ (1)	Use at an assay dependent concentration.
IHC-FoFr		Use at an assay dependent concentration. PubMed: 27905510
ICC/IF	★★★★★ (1)	Use at an assay dependent concentration. See Abreview.
WB	★★★★★ (1)	Use at an assay dependent concentration.

靶标

功能	Mediates the voltage-dependent sodium ion permeability of excitable membranes. Assuming opened or closed conformations in response to the voltage difference across the membrane, the protein forms a sodium-selective channel through which Na(+) ions may pass in accordance with their electrochemical gradient. In macrophages and melanoma cells, isoform 5 may participate in the control of podosome and invadopodia formation.
组织特异性	Isoform 5 is expressed in non-neuronal tissues, such as monocytes/macrophages.
序列相似性	Belongs to the sodium channel (TC 1.A.1.10) family. Nav1.6/SCN8A subfamily. Contains 1 IQ domain.
结构域	The sequence contains 4 internal repeats, each with 5 hydrophobic segments (S1,S2,S3,S5,S6) and one positively charged segment (S4). Segments S4 are probably the voltage-sensors and are characterized by a series of positively charged amino acids at every third position.
翻译后修饰	May be ubiquitinated by NEDD4L; which would promote its endocytosis.
细胞定位	Membrane and Cytoplasmic vesicle. Some vesicles are localized adjacent to melanoma invadopodia and macrophage podosomes. Does not localize to the plasma membrane.

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

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