

Anti-Piccolo antibody [6H9-B6] ab101654

[1 References](#) [2 图像](#)

概述

产品名称	Anti-Piccolo抗体[6H9-B6]
描述	小鼠单克隆抗体[6H9-B6] to Piccolo
宿主	Mouse
特异性	No cross reactivity to Bassoon.
经测试应用	适用于: WB, ICC/IF
种属反应性	与反应: Mouse, Rat, Human
免疫原	Full length protein corresponding to Mouse Piccolo. Database link: Q9QYX7
阳性对照	WB: Rat and mouse brain tissue lysate. ICC/IF: SK-N-BE 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 repeated freeze / thaw cycles.
存储溶液	pH: 7.40 Preservative: 0.09% Sodium azide Constituents: 50% Glycerol, PBS
纯度	Protein G purified
克隆	单克隆
克隆编号	6H9-B6
同种型	IgG2b
轻链类型	kappa

应用

The Abpromise guarantee

Abpromise™ 承诺保证使用 ab101654 于以下的经测试应用

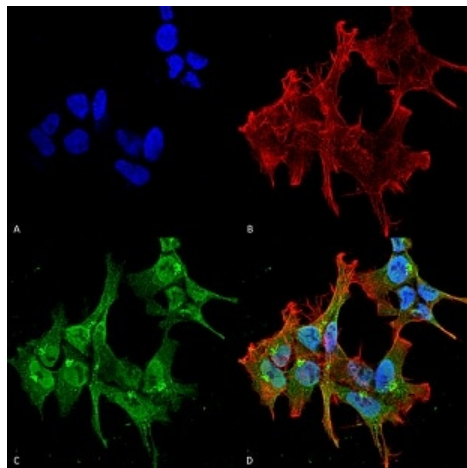
“应用说明”部分 下显示的仅为推荐的起始稀释度;实际最佳的稀释度/浓度应由使用者检定。

应用	Ab评论	说明
WB		1/1000. Predicted molecular weight: 567 kDa.
ICC/IF		1/100.

靶标

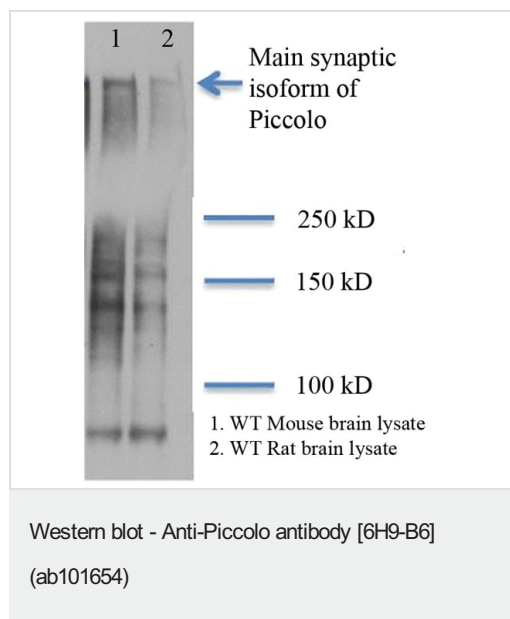
功能	May act as a scaffolding protein involved in the organization of synaptic active zones and in synaptic vesicle trafficking.
序列相似性	Contains 2 C2 domains. Contains 1 PDZ (DHR) domain.
结构域	C2 domain 1 is involved in binding calcium and phospholipids. Calcium binds with low affinity but with high specificity and induces a large conformational change.
细胞定位	Cell junction > synapse. Concentrated at the presynaptic side of synaptic junctions.

图片



Immunocytochemistry/ Immunofluorescence - Anti-Piccolo antibody [6H9-B6] (ab101654)

SK-N-BE cells labeling Piccolo using ab101654 (green) at 1/100 dilution in ICC/IF. Cells were fixed using 4% formaldehyde for 15 minutes at room temperature. Primary antibody was incubated for 1 hour at room temperature. Secondary antibody was a goat anti-mouse ATTO 488 at 1/100 dilution for 1 hour at room temperature. Counterstained with Phalloidin Texas Red F-actin stain. Nuclei were stained with DAPI (blue).



All lanes : Anti-Piccolo antibody [6H9-B6] (ab101654) at 1/1000 dilution

Lane 1 : Mouse brain lysate

Lane 2 : Rat brain lysate

Predicted band size: 567 kDa

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

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