


Anti-SNAP25 antibody ab5666

★★★★★ [4 Abreviews](#) [51 References](#) [4 图像](#)

概述

产品名称	Anti-SNAP25抗体
描述	兔多克隆抗体to SNAP25
宿主	Rabbit
经测试应用	适用于: ICC, WB, Flow Cyt
种属反应性	与反应: Mouse, Rat 预测可用于: Human, Chimpanzee, Rhesus monkey, Goldfish 
免疫原	Synthetic peptide corresponding to Mouse SNAP25 aa 195-206. Sequence: ANQRATKMLGSG (Peptide available as ab5843)

 [Run BLAST with](#)

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常规说明

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 +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	Preservative: 0.05% Sodium azide Constituents: 99% PBS, 0.1% BSA
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ab5666于以下的经测试应用

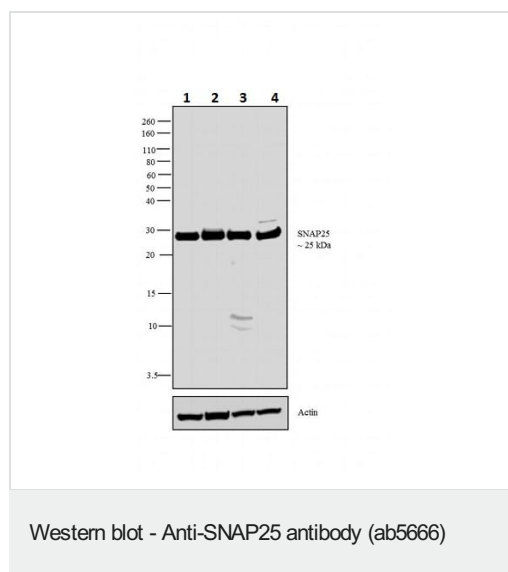
“应用说明”部分 下显示的仅为推荐的起始稀释度;实际最佳的稀释度/浓度应由使用者检定。

应用	Ab评论	说明
ICC		1/100.
WB	★★★★★ (4)	Use a concentration of 0.5 - 2 µg/ml. Detects a band of approximately 25 kDa.
Flow Cyt		Use 3-5µg for 10 ⁶ cells.

靶标

功能	t-SNARE involved in the molecular regulation of neurotransmitter release. May play an important role in the synaptic function of specific neuronal systems. Associates with proteins involved in vesicle docking and membrane fusion. Regulates plasma membrane recycling through its interaction with CENPF.
组织特异性	Neurons of the neocortex, hippocampus, piriform cortex, anterior thalamic nuclei, pontine nuclei, and granule cells of the cerebellum.
序列相似性	Belongs to the SNAP-25 family. Contains 2 t-SNARE coiled-coil homology domains.
翻译后修饰	Palmitoylated. Cys-85 appears to be the main site, and palmitoylation is required for membrane association.
细胞定位	Cytoplasm > perinuclear region. Cell membrane. Cell junction > synapse > synaptosome. Membrane association requires palmitoylation. Expressed throughout cytoplasm, concentrating at the perinuclear region.

图片



All lanes : Anti-SNAP25 antibody (ab5666)

Lane 1 : Mouse cerebellum

Lane 2 : Mouse brain

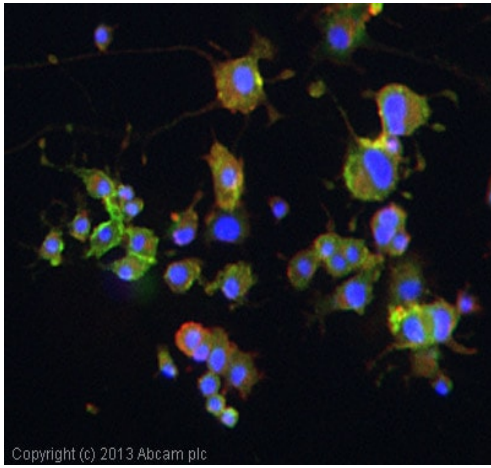
Lane 3 : Rat brain

Lane 4 : Membrane enriched extract

Lysates/proteins at 30 µg per lane.

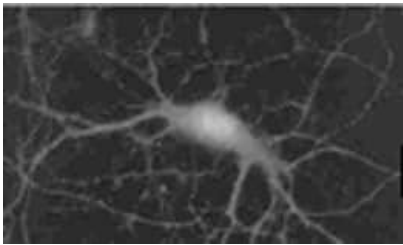
Secondary

All lanes : Goat anti-Rabbit IgG (H+L) Secondary Antibody, HRP conjugate



Immunocytochemistry - Anti-SNAP25 antibody
(ab5666)

ICC/IF image of ab5666 stained PC12 cells. The cells were 4% paraformaldehyde fixed (10 min) and then incubated in 1%BSA / 10% normal goat serum / 0.3M glycine in 0.1% PBS-Tween for 1h to permeabilise the cells and block non-specific protein-protein interactions. The cells were then incubated with the antibody (ab5666, 5µg/ml) overnight at +4°C. The secondary antibody (green) was **ab96899**, DyLight® 488 goat anti-rabbit IgG (H+L) used at a 1/250 dilution for 1h. Alexa Fluor® 594 WGA was used to label plasma membranes (red) at a 1/200 dilution for 1h. DAPI was used to stain the cell nuclei (blue) at a concentration of 1.43µM.



Immunocytochemistry - Anti-SNAP25 antibody
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Immunolocalization of SNAP-25 in cultured rat hippocampal cells using ab5666.



Western blot - Anti-SNAP25 antibody (ab5666)
This image is courtesy of an anonymous Abreview

Anti-SNAP25 antibody (ab5666) at 1/10000 dilution + Whole tissue lysate prepared from mouse hippocampus.

Secondary

HRP conjugated goat anti-rabbit Ig. at 1/10000 dilution

Developed using the ECL technique.

Performed under reducing conditions.

Observed band size: 25 kDa

Exposure time: 20 seconds

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