




### Anti-SNAP25 antibody ab31281

★★★★★ [1 Abreviews](#) [3 References](#) [3 图像](#)

#### 概述

产品名称	Anti-SNAP25抗体
描述	山羊多克隆抗体to SNAP25
宿主	Goat
特异性	This antibody is expected to recognise both reported isoforms NP_003072.2 (SNAP25A) and NP_570824.1 (SNAP25B). Reported variants represent identical protein: NP_001309831.1, NP_003072.2 Reported variants represent identical protein: NP_001309834.1, NP_001309832.1, NP_001309833.1, NP_001309839.1, NP_001309836.1, NP_570824.1, NP_001309838.1, NP_001309835.1, NP_001309837.1
经测试应用	适用于: IHC-P, WB
种属反应性	与反应: Mouse, Rat, Human 预测可用于: Dog 
免疫原	Synthetic peptide corresponding to Human SNAP25 aa 193-206 (C terminal). Sequence: C-DEANQRATKMLGSG <div>  <a href="#">Run BLAST with</a>  <a href="#">Run BLAST with</a> </div>
阳性对照	WB: Human, mouse and rat brain tissue lysate.
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&amp;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	pH: 7.30 Preservative: 0.02% Sodium azide Constituents: 99% Tris buffered saline, 0.5% BSA

纯度	Immunogen affinity purified
纯化说明	Purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide.
克隆	多克隆
同种型	IgG

应用

The Abpromise guarantee      **Abpromise™**承诺保证使用ab31281于以下的经测试应用

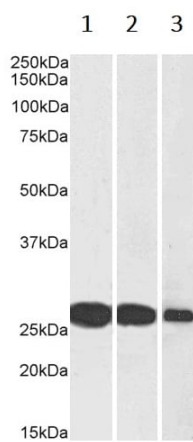
“应用说明”部分 下显示的仅为推荐的起始稀释度;实际最佳的稀释度/浓度应由使用者检定。

应用	Ab评论	说明
IHC-P		Use a concentration of 1 - 2 µg/ml.
WB	★★★★★ (1)	Use a concentration of 0.005 - 0.01 µg/ml. Detects a band of approximately 26 kDa (predicted molecular weight: 23 kDa). 1 hour primary incubation is recommended for this product.

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



Western blot - Anti-SNAP25 antibody (ab31281)

**All lanes :** Anti-SNAP25 antibody (ab31281) at 0.005 µg/ml

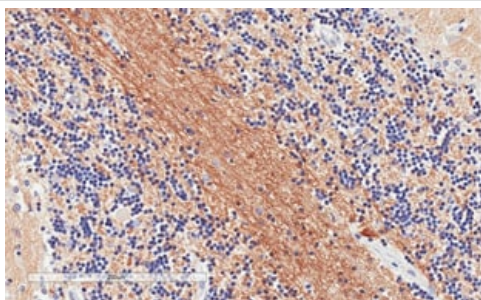
**Lane 1 :** Human Brain (Cerebellum) tissue lysate

**Lanes 2-3 :** Mouse Brain tissue lysate

Lysates/proteins at 35 µg per lane.

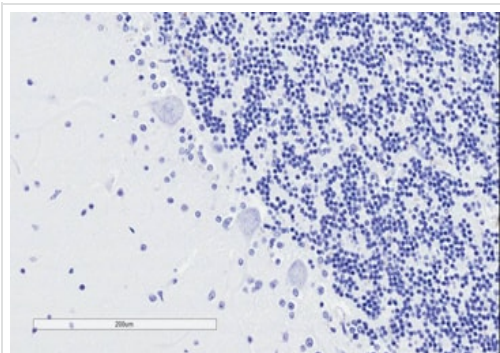
**Predicted band size:** 23 kDa

Lysates in RIPA buffer. Detected by chemiluminescence.



Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-SNAP25 antibody (ab31281)

ab31281 (1 µg/ml) staining of SNAP25 in paraffin embedded Human Cerebellum. Microwaved antigen retrieval with citrate buffer Ph 6, HRP-staining.



ab31281 negative control showing staining of paraffin embedded Human Cerebellum, with no primary antibody.

Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-SNAP25 antibody (ab31281)

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

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