

Anti-Bassoon/BSN antibody [SAP7F407] ab82958

★★★★☆ [12 Abreviews](#) [58 References](#) [5 图像](#)

概述

产品名称	Anti-Bassoon/BSN抗体[SAP7F407]
描述	小鼠单克隆抗体[SAP7F407] to Bassoon/BSN
宿主	Mouse
经测试应用	适用于: WB, ICC/IF, IHC-P
种属反应性	与反应: Mouse, Rat, Human
免疫原	Recombinant full length protein. This information is proprietary to Abcam and/or its suppliers.
阳性对照	Rat brain tissue extract This antibody gave a positive result in IHC in the following FFPE tissue: Human normal cerebral cortex.
常规说明	<p>This product was changed from ascites to tissue culture supernatant on 22nd May 2019. Please note that the dilutions may need to be adjusted accordingly. If you have any questions, please do not hesitate to contact our scientific support team.</p> <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	pH: 7.2 Preservative: 0.09% Sodium azide Constituents: 50% Glycerol (glycerin, glycerine), PBS
纯度	Tissue culture supernatant
纯化说明	Purified from TCS.
克隆	单克隆
克隆编号	SAP7F407

同种型

IgG2a

应用

The Abpromise guarantee **Abpromise™**承诺保证使用ab82958于以下的经测试应用

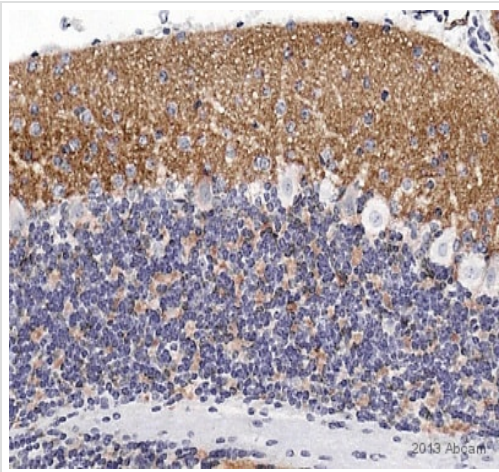
“应用说明”部分 下显示的仅为推荐的起始稀释度;实际最佳的稀释度/浓度应由使用者检定。

应用	Ab评论	说明
WB		Use at an assay dependent concentration. Predicted molecular weight: 416 kDa.
ICC/IF	★★★★★ (2)	Use at an assay dependent concentration.
IHC-P	★★★★☆ (8)	Use at an assay dependent concentration. Perform heat mediated antigen retrieval with citrate buffer pH 6 before commencing with IHC staining protocol.

靶标

功能	Is thought to be involved in the organization of the cytomatrix at the nerve terminals active zone (CAZ) which regulates neurotransmitter release. Seems to act through binding to ERC2/CAST1. Essential in regulated neurotransmitter release from a subset of brain glutamatergic synapses. Involved in the formation of the retinal photoreceptor ribbon synapses.
组织特异性	Exclusively expressed in brain.
翻译后修饰	Myristoylated. The N-terminal myristoylation is not sufficient for presynaptic localization.
细胞定位	Cytoplasm. Cell junction > synapse > synaptosome. Cytoplasm > cytoskeleton. Localized to the active zone of presynaptic density.

图片

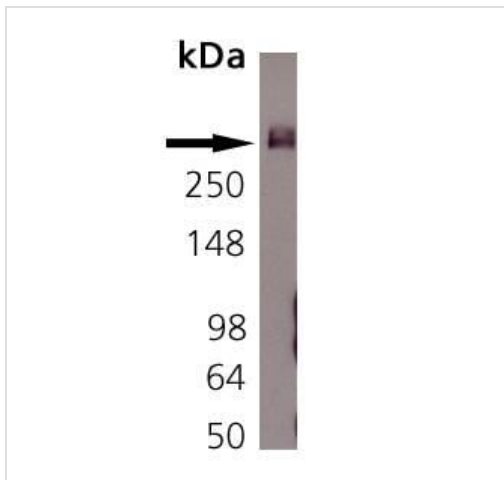


Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-Bassoon/BSN antibody [SAP7F407] (ab82958)

This image is courtesy of an abreview submitted by Carl Hobbs, Kings's College London, United Kingdom.

IHC-P image of Bassoon/BSN staining on mouse cerebellum sections using ab82958 (1:1500). The sections were deparaffinized and subjected to heat mediated antigen retrieval using HEIR. The sections were blocked using 1% BSA for 10 mins at 21°C. ab82958 was diluted 1:1500 and incubated with the sections for 2 hours at 21°C. The secondary antibody used was goat polyclonal to mouse IgG conjugated to Biotin (1:200).

This image was generated using the ascites version of the product.



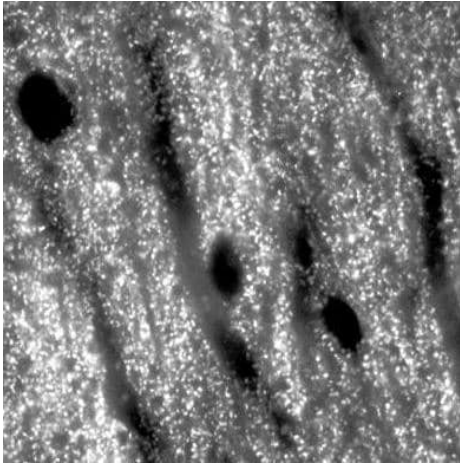
Western blot - Anti-Bassoon/BSN antibody [SAP7F407] (ab82958)

Anti-Bassoon/BSN antibody [SAP7F407] (ab82958) at 1/500 dilution + rat brain tissue extract

Developed using the ECL technique.

Predicted band size: 416 kDa

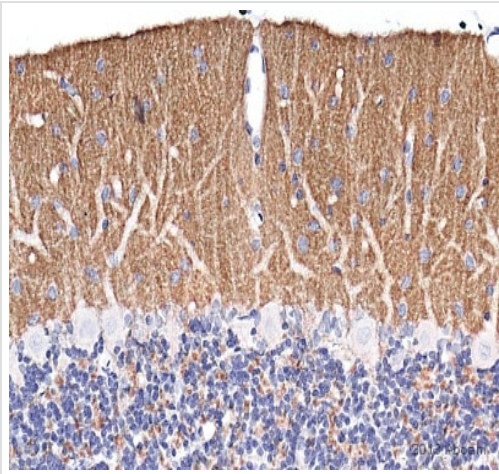
This image was generated using the ascites version of the product.



Immunocytochemistry/ Immunofluorescence - Anti-Bassoon/BSN antibody [SAP7F407] (ab82958)

Bassoon/BSN localization in the rat brain cerebellar molecular layer using Bassoon/BSN monoclonal antibody (ab82958).

This image was generated using the ascites version of the product.

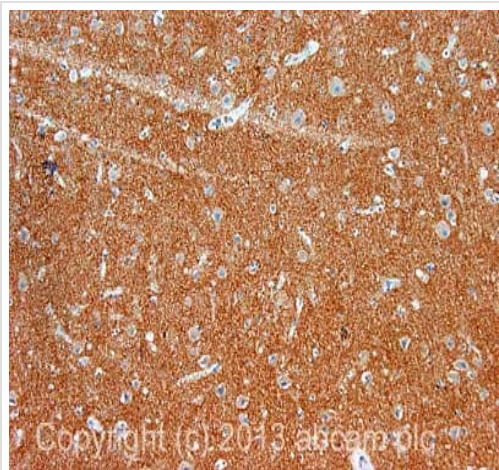


Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-Bassoon/BSN antibody [SAP7F407] (ab82958)

This image is courtesy of an abreview submitted by Carl Hobbs, Kings's College London, United Kingdom.

IHC-P image of Bassoon/BSN staining on rat cerebellum sections using ab82958 (1:1000). The sections were deparaffinized and subjected to heat mediated antigen retrieval using citric acid. The sections were blocked using 1% BSA for 10 mins at 21°C. ab82958 was diluted 1:1000 and incubated with the sections for 2 hours at 21°C. The secondary antibody used was goat polyclonal to mouse IgG conjugated to biotin (1:200).

This image was generated using the ascites version of the product.



Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-Bassoon/BSN antibody [SAP7F407] (ab82958)

IHC image of Bassoon/BSN staining in Human normal cerebral cortex formalin fixed paraffin embedded tissue section, performed on a Leica Bond™ system using the standard protocol F. The section was pre-treated using heat mediated antigen retrieval with sodium citrate buffer (pH6, epitope retrieval solution 1) for 20 mins. The section was then incubated with ab82958, 5µg/ml, for 15 mins at room temperature and detected using an HRP conjugated compact polymer system. DAB was used as the chromogen. The section was then counterstained with haematoxylin and mounted with DPX.

This image was generated using the ascites version of the product.

For other IHC staining systems (automated and non-automated) customers should optimize variable parameters such as antigen retrieval conditions, primary antibody concentration and antibody incubation times.

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