

Anti-Neuroserpin antibody ab33077

★★★★★ [1 Abreviews](#) [6 References](#) [3 图像](#)

概述

产品名称	Anti-Neuroserpin抗体
描述	兔多克隆抗体to Neuroserpin
宿主	Rabbit
经测试应用	适用于: WB, ICC/IF, IHC-FoFr
种属反应性	与反应: Mouse, Rat 预测可用于: Human 
免疫原	Synthetic peptide corresponding to Rat Neuroserpin aa 350 to the C-terminus (C terminal) conjugated to keyhole limpet haemocyanin. (Peptide available as ab36619)
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	pH: 7.40 Preservative: 0.02% Sodium azide Constituent: PBS Batches of this product that have a concentration < 1mg/ml may have BSA added as a stabilising agent. If you would like information about the formulation of a specific lot, please contact our scientific support team who will be happy to help.
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ab33077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		
ICC/IF		
IHC-FoFr	★★★★★ (1)	

应用说明

ICC/IF: Use at a concentration of 1 µg/ml.
IHC-FoFr: Use at an assay dependent concentration.
WB: 1/250. Detects bands of approximately 46 and 55 kDa (predicted molecular weight: 46 kDa).

Not yet tested in other applications.
Optimal dilutions/concentrations should be determined by the end user.

靶标

功能

Serine protease inhibitor that inhibits plasminogen activators and plasmin but not thrombin. May be involved in the formation or reorganization of synaptic connections as well as for synaptic plasticity in the adult nervous system. May protect neurons from cell damage by tissue-type plasminogen activator.

组织特异性

Predominantly expressed in the brain.

疾病相关

Defects in SERPINI1 are the cause of familial encephalopathy with neuroserpin inclusion bodies (FEN1B) [MIM:604218]. FEN1B is characterized clinically as an autosomal dominantly inherited dementia, histologically by unique neuronal inclusion bodies and biochemically by polymers of neuroserpin.

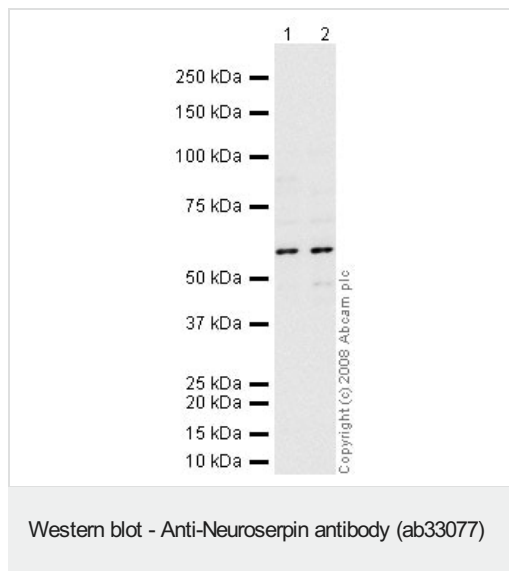
序列相似性

Belongs to the serpin family.

细胞定位

Secreted.

图片



All lanes : Anti-Neuroserpin antibody (ab33077) at 1/250 dilution

Lane 1 : Brain (Mouse) Tissue Lysate

Lane 2 : Brain (Rat) Tissue Lysate

Lysates/proteins at 10 µg per lane.

Secondary

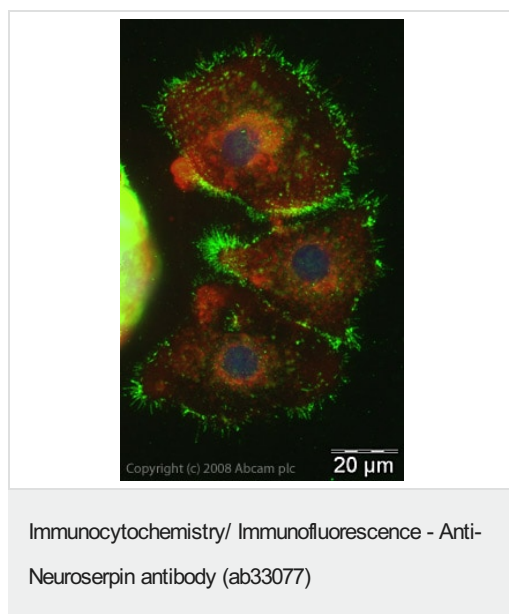
All lanes : Goat polyclonal to Rabbit IgG - H&L - Pre-Adsorbed (HRP) at 1/3000 dilution

Performed under reducing conditions.

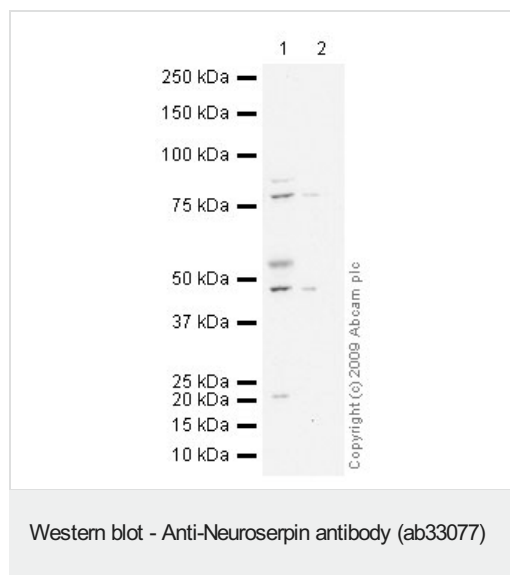
Predicted band size: 46 kDa

Observed band size: 55 kDa

Neuroserpin contains a number of potential glycosylation sites so it is thought that this is the reason it runs at 55 kDa. The band size observed is also comparable to molecular weights seen with other commercially available antibodies to Neuroserpin.



ICC/IF image of ab33077 stained rat PC12 cells. The cells were methanol fixed (5 min), permeabilised in PBS-T (20 min) and incubated with the antibody (ab33077, 1 µg/ml) for 1h at room temperature. 1%BSA / 10% normal goat serum / 0.3M glycine was used to block non-specific protein-protein interactions. The secondary antibody (green) was Alexa Fluor® 488 goat anti-rabbit IgG (H+L) used at a 1/1000 dilution for 1h. Alexa Fluor® 594 WGA was used to label plasma membranes (red). DAPI was used to stain the cell nuclei (blue).



All lanes : Anti-Neuroserpin antibody (ab33077) at 1 µg/ml

Lane 1 : Brain (Mouse) Tissue Lysate

Lane 2 : Brain (Rat) Tissue Lysate

Lysates/proteins at 10 µg per lane.

Secondary

All lanes : Goat polyclonal to Rabbit IgG - H&L - Pre-Adsorbed (HRP) at 1/3000 dilution

Performed under reducing conditions.

Predicted band size: 46 kDa

Observed band size: 46,55 kDa

Additional bands at: 80 kDa. We are unsure as to the identity of these extra bands.

Exposure time: 10 minutes

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

Our Abpromise to you: Quality guaranteed and expert technical support

- Replacement or refund for products not performing as stated on the datasheet
- Valid for 12 months from date of delivery
- Response to your inquiry within 24 hours
- We provide support in Chinese, English, French, German, Japanese and Spanish
- Extensive multi-media technical resources to help you
- We investigate all quality concerns to ensure our products perform to the highest standards

If the product does not perform as described on this datasheet, we will offer a refund or replacement. For full details of the Abpromise, please visit <https://www.abcam.cn/abpromise> or contact our technical team.

Terms and conditions

- Guarantee only valid for products bought direct from Abcam or one of our authorized distributors