

Product datasheet

Anti-alpha+beta SNAP antibody ab50483

1 Abreviews 1 References 画像数 1

製品の概要

|                     |  |
|---------------------|--|
| <b>製品名</b>          | Anti-alpha+beta SNAP antibody  |
| <b>製品の詳細</b>        | Rabbit polyclonal to alpha+beta SNAP   |
| <b>アプリケーション</b>     | <b>適用あり:</b> IHC-FoFr, WB  |
| <b>種交差性</b>         | <b>交差種:</b> Mouse, Rat, Human<br><b>交差が予測される動物種:</b> Cow, Xenopus laevis, Pufferfish, Zebrafish, Cynomolgus monkey<br>▲  |
| <b>免疫原</b>          | Synthetic peptide:<br>KAI AHYEQSADYYKGEES<br>conjugated to KLH, corresponding to internal sequence amino acids 140-157 of Mouse alpha+beta SNAP<br><br><a href="#">Run BLAST with</a> <a href="#">Run BLAST with</a> |
| <b>ポジティブ・コントロール</b> | Cytosolic fraction S1 of rat and mouse brain   |

製品の特性

|                 |   |
|-----------------|---|
| <b>製品の状態</b>    | Liquid  |
| <b>保存方法</b>     | Shipped at 4°C. Store at +4°C short term (1-2 weeks). Upon delivery aliquot. Store at -20°C long term.  |
| <b>バッファー</b>    | Preservative: 15mM Sodium Azide<br>Constituents: 0.01M PBS, pH 7.4  |
| <b>精製度</b>      | IgG fraction  |
| <b>特記事項(精製)</b> | Whole antiserum was fractionated and then further purified by ion-exchange chromatography to provide the IgG fraction of antiserum that is essentially free of other rabbit serum proteins. |
| <b>ポリモノ</b>     | ポリクローナル   |
| <b>アイソタイプ</b>   | IgG   |

アプリケーション

Our [Abpromise guarantee](#) covers the use of **ab50483** in the following tested applications.  
The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

IHC-FoFr

WB

## 追加情報

IHC-FoFr: 1/75 (PMID 19279043).

WB: 1/1000 - 1/2000. Predicted molecular weight: 38 kDa.

Not yet tested in other applications.

Optimal dilutions/concentrations should be determined by the end user.

## ターゲット情報

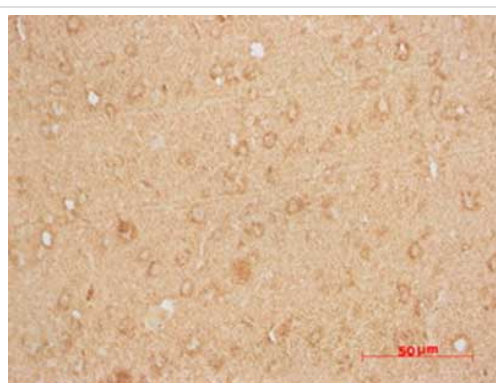
## 関連性

Alpha, beta and gamma SNAPs, also known as soluble NSF attachment proteins, have apparent molecular weights on SDS PAGE of 35, 36 and 39 kDa, respectively. SNAP proteins mediate the association of NSF to membranes during vesicle fusion reaction, and play a prominent role in synaptic vesicle fusion. In addition, beta SNAP interacts with synaptotagmin and may be involved in calcium regulated exocytosis. SNAP was identified as being required for vesicle fusion in intra Golgi transport reaction in vitro. Alpha SNAP mediates the association of NSF to membranes during vesicle fusion reaction, and plays a prominent role and in synaptic vesicle fusion. Together with synaptotagmin and NSF, alpha SNAP modulates the interaction of SNAP25, VAMP, and syntaxin in, an ATP dependent manner, to form a complex with a sedimentation coefficient of 20 S. This complex may represent an intermediate involved in synaptic vesicle docking and fusion.

## 細胞内局在

Cytoplasmic peripheral membrane protein.

## Anti-alpha+beta SNAP antibody 画像



Immunohistochemistry (PFA perfusion fixed frozen sections) - Anti-alpha+beta SNAP antibody (ab50483)

Image from Yu Y et al, Mbl Cell Proteomics. 2009 Jul;8(7):1490-500. Epub 2009 Mar 11, Fig 6. DOI 10.1074/mcp.M800273-MCP200

ab50483 at a 1/500 dilution staining alpha+beta SNAP in murine brain tissue by Immunohistochemistry (PFA perfusion fixed frozen sections).

Mice were euthanized, and the brains were exposed and removed from the body. Brain tissue was fixed in 4% polyformaldehyde. Fixed brain tissues were cut into transverse sections 5 µm thick. The sections were collected on poly-l-lysine-coated slides and air-dried. After blocking, sections were incubated with ab50483 in PBS for 2 hours at 37 °C in a humidified chamber. After washing, slides were incubated with the secondary antibody, a rabbit anti-goat IgG conjugated with horseradish peroxidase for 1 hour at 37 °C in a humidity box.

## **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 <http://www.abcam.co.jp/abpromise> or contact our technical team.

## **Terms and conditions**

---

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