


Anti-PSD95 (phospho T19) antibody ab16496

★★★★☆ [3 Abreviews](#) [4 References](#) [画像数 1](#)

製品の概要

| | |
|--------------|--|
| 製品名 | Anti-PSD95 (phospho T19) antibody |
| 製品の詳細 | Rabbit polyclonal to PSD95 (phospho T19) |
| 由来種 | Rabbit |
| アプリケーション | 適用あり: WB |
| 種交差性 | 交差種: Mouse 交差が予測される動物種: Rat, Human  |
| 免疫原 | Synthetic peptide corresponding to Mouse PSD95 aa 1-100 (internal sequence) conjugated to keyhole limpet haemocyanin. (Peptide available as ab17167) |
| ポジティブ・コントロール | mouse brain |
| 特記事項 | <p>Phosphorylation of PSD95 dynamically regulates the clustering of PSD95/NMDA receptors at synapses, providing a possible mechanism for rapid changes in density and/or number of receptor at synapses.</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> |

製品の特性

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|-------|--|
| 製品の状態 | Liquid |
| 保存方法 | 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. |
| バッファー | 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.

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| 精製度 | Immunogen affinity purified |
| 一次抗体 備考 | Phosphorylation of PSD95 dynamically regulates the clustering of PSD95/NMDA receptors at synapses, providing a possible mechanism for rapid changes in density and/or number of receptor at synapses. |
| ポリ/モノ | ポリクローナル |
| アイソタイプ | IgG |

アプリケーション

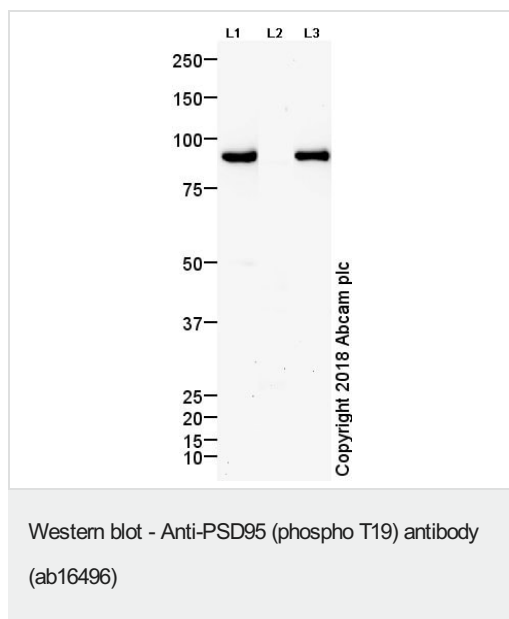
The Abpromise guarantee **Abpromise保証は、次のテスト済みアプリケーションにおけるab16496の使用に適用されます**
アプリケーションノートには、推奨の開始希釈率がありますが、適切な希釈率につきましてはご検討ください。

| アプリケーション | Abreviews | 特記事項 |
|----------|-----------|--|
| WB | ★★★★☆ (2) | Use a concentration of 1 µg/ml. Detects a band of approximately 90 kDa (predicted molecular weight: 80 kDa). |

ターゲット情報

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| 機能 | Interacts with the cytoplasmic tail of NMDA receptor subunits and shaker-type potassium channels. Required for synaptic plasticity associated with NMDA receptor signaling. Overexpression or depletion of DLG4 changes the ratio of excitatory to inhibitory synapses in hippocampal neurons. May reduce the amplitude of ASIC3 acid-evoked currents by retaining the channel intracellularly. May regulate the intracellular trafficking of ADR1B. |
| 組織特異性 | Brain. |
| 配列類似性 | Belongs to the MAGUK family. Contains 1 guanylate kinase-like domain. Contains 3 PDZ (DHR) domains. Contains 1 SH3 domain. |
| ドメイン | The PDZ domain 3 mediates interaction with ADR1B. The L27 domain near the N-terminus of isoform 2 is required for HGS/HRS-dependent targeting to postsynaptic density. |
| 翻訳後修飾 | Palmitoylation of isoform 1 is required for targeting to postsynaptic density. |
| 細胞内局在 | Cell membrane. Cell junction, synapse, postsynaptic cell membrane, postsynaptic density. Cell projection, axon. Cell junction, synapse. High levels in postsynaptic density of neurons in the forebrain. Also in presynaptic region of inhibitory synapses formed by cerebellar basket cells on axon hillocks of Purkinje cells. |

画像



Lanes 1 & 3 : ab16496 at 10 µg

Lane 2 : ab16496

Lane 1 : Mouse Brain

Lane 2 : Mouse Brain with with modified blocking peptide at 1 µg/ml

Lane 3 : Mouse Brain with with non-modified blocking peptide at 1 µg/ml

Lysates/proteins at 10 µg per lane.

Secondary

All lanes : Goat Anti-Rabbit IgG H&L (HRP) preadsorbed at 1/5000 dilution

Developed using the ECL technique.

Performed under reducing conditions.

Predicted band size: 80 kDa

Observed band size: 90 kDa

Exposure time: 20 minutes

In WB, we recommend blocking in milk. Blocking with BSA has been seen to give high background with this antibody.

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