


# Anti-PSD95 (phospho S295) antibody [EP2615Y] ab76108

RabMAb

## 4 References [画像数 1](#)

### 製品の概要

製品名	Anti-PSD95 (phospho S295) antibody [EP2615Y]
製品の詳細	Rabbit monoclonal [EP2615Y] to PSD95 (phospho S295)
由来種	Rabbit
アプリケーション	<b>適用あり:</b> WB <b>適用なし:</b> Flow Cyt or IHC-P
種交差性	<b>交差種:</b> Rat, Human <b>交差が予測される動物種:</b> Mouse 
免疫原	Synthetic peptide. This information is proprietary to Abcam and/or its suppliers.
ポジティブ・コントロール	WB: Human brain tissue treated with LP and rat brain lysates, untreated and treated with LP.
特記事項	Our RabMAb <sup>®</sup> technology is a patented hybridoma-based technology for making rabbit monoclonal antibodies. For details on our patents, please refer to <a href="#">RabMAb<sup>®</sup> patents</a> .  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.  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

### 製品の特性

製品の状態	Liquid
保存方法	Shipped at 4°C. Upon delivery aliquot and store at -20°C. Avoid freeze / thaw cycles.
バッファー	pH: 7.20 Preservative: 0.05% Sodium azide Constituents: 0.1% BSA, 40% Glycerol (glycerin, glycerine), 9.85% Tris glycine, 50% Tissue culture supernatant
精製度	Tissue culture supernatant
ポリ/モノ	モノクローナル

クローン名 EP2615Y  
アイソタイプ IgG

## アプリケーション

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アプリケーション	Abreviews	特記事項
WB		1/10000 - 1/50000. Detects a band of approximately 95 kDa (predicted molecular weight: 95 kDa).

**追加情報** Is unsuitable for Flow Cyt or IHC-P.

## ターゲット情報

**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.

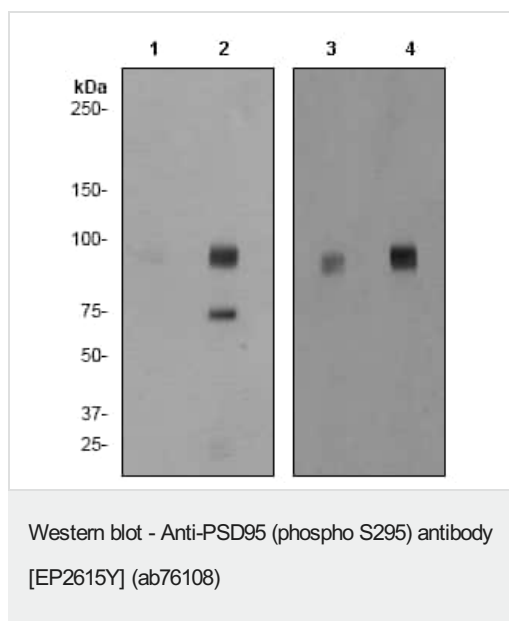
**配列類似性** Belongs to the MAGUK family.  
Contains 1 guanylate kinase-like domain.  
Contains 3 PDZ (DHR) domains.  
Contains 1 SH3 domain.

**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



**All lanes :** Anti-PSD95 (phospho S295) antibody [EP2615Y] (ab76108) at 1/20000 dilution

**Lane 1 :** Human brain tissue lysate, treated with LP

**Lane 2 :** Human brain tissue lysate untreated

**Lane 3 :** Rat brain lysate, treated with LP

**Lane 4 :** Rat brain lysate, untreated

**Predicted band size:** 95 kDa

**Observed band size:** 95 kDa

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

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