


### Anti-GRIP1 antibody ab25963

★★★★★ [2 Abreviews](#) [2 References](#) [画像数 1](#)

#### 製品の概要

製品名	Anti-GRIP1 antibody
製品の詳細	Rabbit polyclonal to GRIP1
由来種	Rabbit
特異性	This antibody is raised against glutamate receptor-interacting protein 1
アプリケーション	<b>適用あり:</b> WB
種交差性	<b>交差種:</b> Mouse, Rat <b>交差が予測される動物種:</b> Human 
免疫原	Synthetic peptide corresponding to Mouse GRIP1 aa 1050 to the C-terminus (C terminal) conjugated to keyhole limpet haemocyanin.
特記事項	<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&amp;As</p>

#### 製品の特性

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	<p>pH: 7.40</p> <p>Preservative: 0.02% Sodium azide</p> <p>Constituent: PBS</p> <p>Batches of this product that have a concentration &lt; 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.</p>
精製度	Immunogen affinity purified
ポリ/モノ	ポリクローナル

## 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ab25963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確認ください。

アプリケーション	Abreviews	特記事項
WB		Use a concentration of 2 µg/ml. Detects a band of approximately 135 kDa (predicted molecular weight: 122 kDa). Abcam recommends using BSA as the blocking agent.

## ターゲット情報

### 機能

May play a role as a localized scaffold for the assembly of a multiprotein signaling complex and as mediator of the trafficking of its binding partners at specific subcellular location in neurons.

### 配列類似性

Contains 7 PDZ (DHR) domains.

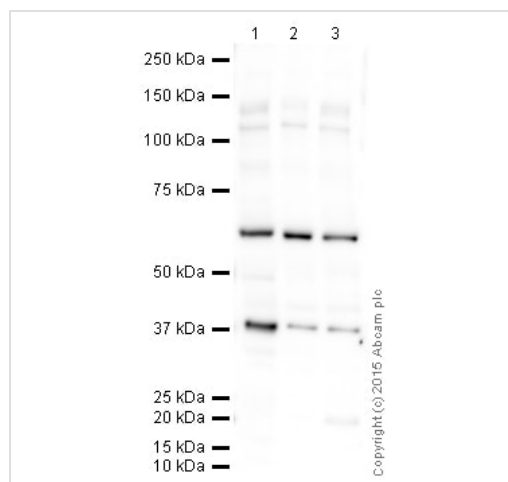
### ドメイン

PDZ 6 mediates interaction with the PDZ recognition motif of EFNB1 and EPHB2 and with the C-terminus of PPFIA1 and PPFIA4. PDZ 4 and PDZ 5 mediate interaction with the C-terminus of GRIA2 and GRIA3. PDZ 4, PDZ 5 and PDZ 6 mediate homomultimers. PDZ 7 mediates interaction with PDZ domain of GRASP1. PDZ 7 domain binds CSPG4. PDZ 6 mediates interaction with the C-terminus of liprins-alpha. PDZ 1, PDZ 2 and PDZ 3 mediate interaction with the PDZ-binding motif of FRAS1 (By similarity). PDZ 4 and PDZ 5 mediate interaction with PRLHR.

### 細胞内局在

Cytoplasmic vesicle. Endoplasmic reticulum. Cell junction > synapse > postsynaptic cell membrane. Cytoplasmic and membrane-associated with vesicles, peri-Golgi complexes and endoplasmic reticulum. Enriched in post-synaptic plasma membrane and post-synaptic densities.

## 画像



Western blot - Anti-GRIP1 antibody (ab25963)

**All lanes :** Anti-GRIP1 antibody (ab25963) at 1 µg/ml

**Lane 1 :** Brain (Mouse) Tissue Lysate - postnatal day 7

**Lane 2 :** Brain (Rat) Tissue Lysate - normal adult tissue

**Lane 3 :** Brain (Rat) Tissue Lysate - postnatal day 7

Lysates/proteins at 15 µg per lane.

### Secondary

**All lanes :** Goat Anti-Rabbit IgG H&L (HRP) preadsorbed at

1/50000 dilution

Developed using the ECL technique.

Performed under reducing conditions.

**Predicted band size:** 122 kDa

**Observed band size:** 135 kDa

**Additional bands at:** 108 kDa, 38 kDa, 60 kDa. We are unsure as to the identity of these extra bands.

**Exposure time:** 2 minutes

This blot was produced using a 4-12% Bis-tris gel under the MOPS buffer system. The gel was run at 200V for 50 minutes before being transferred onto a Nitrocellulose membrane at 30V for 70 minutes. The membrane was then blocked for an hour using 2% Bovine Serum Albumin before being incubated with ab25963 overnight at 4°C. Antibody binding was detected using an anti-rabbit antibody conjugated to HRP, and visualised using ECL development solution **ab133406**.

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

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