

### Anti-GRP94 antibody ab13509

★★★★★ [1 Abreviews](#) [19 References](#) [画像数 3](#)

#### 製品の概要

製品名	Anti-GRP94 antibody
製品の詳細	Rabbit polyclonal to GRP94
由来種	Rabbit
アプリケーション	<b>適用あり:</b> WB, ICC/IF
種交差性	<b>交差種:</b> Mouse, Rat, Human
免疫原	Synthetic peptide corresponding to Mouse GRP94 aa 787-802 (C terminal) conjugated to Keyhole Limpet Haemocyanin (KLH). Sequence: EEEEETEKESTEKDEL  Database link: <a href="#">P08113</a> <a href="#">Run BLAST with</a> <a href="#">Run BLAST with</a>

#### 特記事項

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 or -80°C. Avoid repeated freeze / thaw cycles.
バッファー	Preservative: 0.09% Sodium azide Constituents: 50% Glycerol (glycerin, glycerine), 49% PBS
精製度	Protein A purified
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

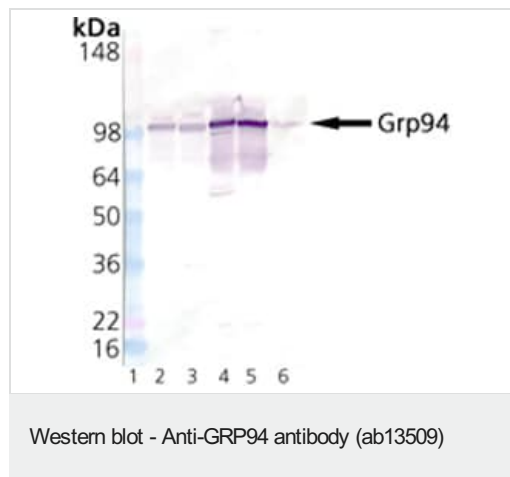
The Abpromise guarantee **Abpromise保証は、次のテスト済みアプリケーションにおけるab13509の使用に適用されず**  
アプリケーションノートには、推奨の開始希釈率がありますが、適切な希釈率につきましてはご確認ください。

アプリケーション	Abreviews	特記事項
WB	★★★★★ (1)	Use at an assay dependent concentration. Predicted molecular weight: 94 kDa. 2µg/mL of ab13509 detects of Grp94 in 20µg of Rat Brain Tissue Extract using colorimetric analysis. 1/2000 for ECL detection.
ICC/IF		Use a concentration of 1 µg/ml.

## ターゲット情報

機能	Molecular chaperone that functions in the processing and transport of secreted proteins. Functions in endoplasmic reticulum associated degradation (ERAD). Has ATPase activity.
配列類似性	Belongs to the heat shock protein 90 family.
細胞内局在	Endoplasmic reticulum lumen. Melanosome. Identified by mass spectrometry in melanosome fractions from stage I to stage IV.

## 画像



**All lanes :** Anti-GRP94 antibody (ab13509) at 1/1000 dilution

**Lane 1 :** Molecular weight ladder

**Lane 2 :** Lysates prepared from rat brain

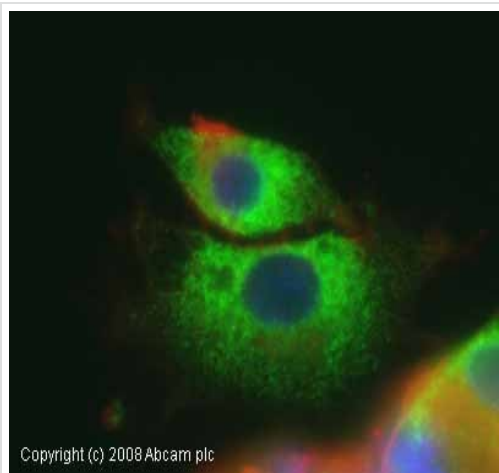
**Lane 3 :** Lysates prepared from mouse brain

**Lane 4 :** Lysates prepared from rat liver microsomes

**Lane 5 :** Lysates prepared from mouse liver microsomes

**Lane 6 :** Lysates prepared from human liver microsomes

**Predicted band size:** 94 kDa



ICC/IF image of ab13509 stained rat PC12 cells. The cells were 4% PFA and 100% methanol fixed (10 min) and then incubated in 1% BSA / 10% normal goat serum / 0.3M glycine in 0.1% PBS-Tween for 1h to permeabilise the cells and block non-specific protein-protein interactions. The cells were then incubated with the antibody (ab13509, 1  $\mu$ g/ml) overnight at +4°C. 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) at a 1/200 dilution for 1h. DAPI was used to stain the cell nuclei (blue).

Immunocytochemistry/ Immunofluorescence - Anti-GRP94 antibody (ab13509)



Western blot - Anti-GRP94 antibody (ab13509)

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

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