

## Product datasheet

# Anti-EFCAB4B antibody ab105418

画像数 3

### 製品の概要

製品名	Anti-EFCAB4B antibody
製品の詳細	Rabbit polyclonal to EFCAB4B
特異性	EFCAB4B antibody is predicted to not cross-react with other EFCAB4 family members.
アプリケーション	<b>適用あり:</b> ICC/IF, WB, IHC-P
種交差性	<b>交差種:</b> Mouse, Human
免疫原	14 amino acid peptide near the carboxy terminus of Human EFCAB4B (GenBank NP_116069).
ポジティブ・コントロール	Mouse Kidney Tissue Lysate

### 製品の特性

製品の状態	Liquid
保存方法	Shipped at 4°C. Store at +4°C.
バッファー	Preservative: 0.02% Sodium Azide Constituents: PBS
精製度	Immunogen affinity 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

Our [Abpromise guarantee](#) covers the use of **ab105418** in the following tested applications.

The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

アプリケーション	Abreviews	特記事項
ICC/IF		Use a concentration of 20 µg/ml.
WB		Use a concentration of 1 - 2 µg/ml. Predicted molecular weight: 46 kDa.
IHC-P		Use at an assay dependent concentration.

## ターゲット情報

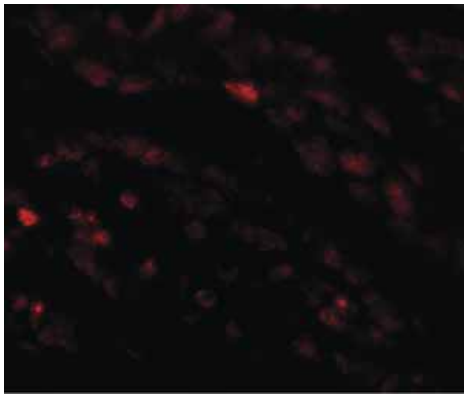
---

<b>機能</b>	Ca(2+)-binding protein that plays a key role in store-operated Ca(2+) entry (SOCE) in T-cells by regulating CRAC channel activation. Acts as a cytoplasmic calcium-sensor that facilitates the clustering of ORAI1 and STIM1 at the junctional regions between the plasma membrane and the endoplasmic reticulum upon low Ca(2+) concentration. It thereby regulates CRAC channel activation, including translocation and clustering of ORAI1 and STIM1. Upon increase of cytoplasmic Ca(2+) resulting from opening of CRAC channels, dissociates from ORAI1 and STIM1, thereby destabilizing the ORAI1-STIM1 complex.
<b>配列類似性</b>	Belongs to the EFCAB4 family. Contains 2 EF-hand domains.
<b>細胞内局在</b>	Cytoplasm.

---

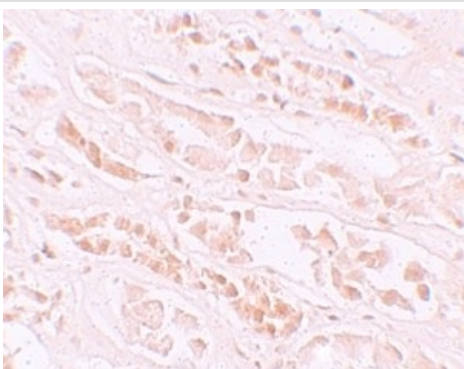
## 画像

---



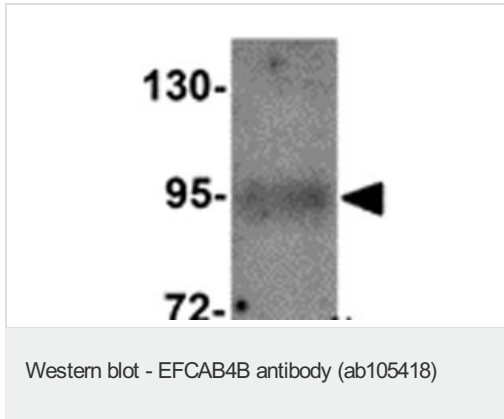
Immunofluorescence of EFCAB4B in Human kidney tissue with ab105418 at 20 ug/mL.

Immunocytochemistry/ Immunofluorescence - Anti-EFCAB4B antibody (ab105418)



Immunohistochemistry of EFCAB4B in Human kidney tissue with ab105418 at 10 µg/mL.

Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-EFCAB4B antibody (ab105418)



Anti-EFCAB4B antibody (ab105418) at 1  $\mu\text{g/ml}$  + Mouse kidney tissue lysate at 15  $\mu\text{g}$

**Predicted band size : 46 kDa**

**Please note:** All products are "FOR RESEARCH USE ONLY AND ARE NOT INTENDED FOR DIAGNOSTIC OR THERAPEUTIC USE"

### **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