

## Product datasheet

# Anti-CCK4 antibody ab62074

★★★★☆ 1 Abreviews [画像数 3](#)

### 製品の概要

製品名	Anti-CCK4 antibody
製品の詳細	Rabbit polyclonal to CCK4
由来種	Rabbit
アプリケーション	<b>適用あり:</b> WB, IHC-P, IHC-Fr
種交差性	<b>交差種:</b> Mouse, Rat, Human
免疫原	A 15 amino acid peptide from near the amino terminus of human CCK4.
ポジティブ・コントロール	Human, mouse or rat colon membrane 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 **ab62074** 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
WB		Use a concentration of 0.5 - 1 µg/ml. Predicted molecular weight: 118 kDa.
IHC-P		Use a concentration of 5 µg/ml.
IHC-Fr	★★★★☆	1/500.

## ターゲット情報

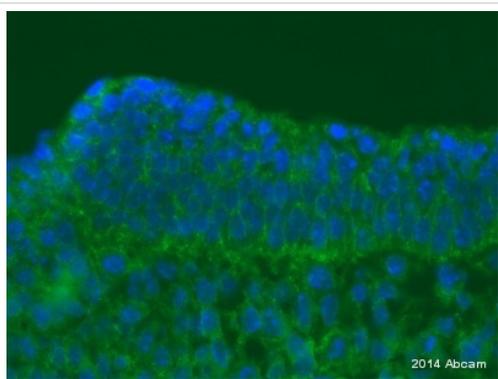
---

機能	Inactive tyrosine kinase involved in Wnt signaling pathway. Component of both the non-canonical (also known as the Wnt/planar cell polarity signaling) and the canonical Wnt signaling pathway. Functions in cell adhesion, cell migration, cell polarity, proliferation, actin cytoskeleton reorganization and apoptosis. Has a role in embryogenesis, epithelial tissue organization and angiogenesis.
組織特異性	Highly expressed in lung, liver, pancreas, kidney, placenta and melanocytes. Weakly expressed in thyroid gland, ovary, brain, heart and skeletal muscle. Also expressed in erythroleukemia cells. But not expressed in colon.
配列類似性	Belongs to the protein kinase superfamily. Tyr protein kinase family. Insulin receptor subfamily. Contains 7 Ig-like C2-type (immunoglobulin-like) domains. Contains 1 protein kinase domain.
ドメイン	The protein kinase domain is predicted to be catalytically inactive.
翻訳後修飾	MMP14 cleaves PTK7 between Pro-621 and Leu-622 generating an N-terminal soluble (70 kDa) fragment and a membrane C-terminal (50 kDa) fragment. Proteolysis by MMP14 regulates PTK7 function in non-canonical Wnt signaling pathway.
細胞内局在	Membrane. Cell junction. Colocalizes with MMP14 at cell junctions. Also localizes at the leading edge of migrating cells.

---

## 画像

---



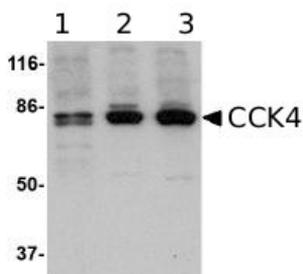
Immunohistochemistry (Frozen sections) - Anti-CCK4 antibody (ab62074)

This image is courtesy of an anonymous Abreview

ab62074 staining CCK4 in E9.5 mouse embryo tissue sections by Immunohistochemistry (IHC-Fr - frozen sections). Tissue was fixed with paraformaldehyde, permeabilized with 0.1% Triton X-100 in PBS and blocked with 5% serum for 1 hour at 25°C. Samples were incubated with primary antibody (1/500 in 5% donkey serum) for 12 hours at 4°C. An Alexa Fluor® 488-conjugated donkey anti-rabbit IgG polyclonal (1/1000) was used as the secondary antibody.

Image shows sagittal section of E9.5 mouse embryo. Neuroectoderm and underlying mesoderm labelled with ab62074 in green. DAPI stained nuclei in blue.

---



Western blot - Anti-CCK4 antibody (ab62074)

**All lanes :** Anti-CCK4 antibody (ab62074) at

1 µg/ml

**Lane 1 :** Human colon tissue lysate

**Lane 2 :** Mouse colon tissue lysate

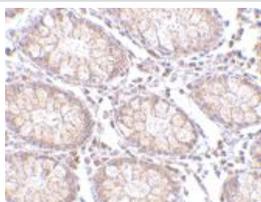
**Lane 3 :** Rat colon tissue lysate

Lysates/proteins at 10 µg per lane.

#### Secondary

**All lanes :** anti-rabbit IgG

**Predicted band size:** 118 kDa



Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-CCK4 antibody (ab62074)

ab62074 at 5 µg/ml staining CCK4 in

human colon tissue section by

Immunohistochemistry (Formalin/ PFA fixed

paraffin-embedded sections).

**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 <https://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