

Product datasheet

Anti-DNAH12 antibody ab122394

画像数 2

製品の概要

|              |   |
|--------------|---|
| 製品名          | Anti-DNAH12 antibody  |
| 製品の詳細        | Rabbit polyclonal to DNAH12   |
| アプリケーション     | 適用あり: IHC-P, WB   |
| 種交差性         | 交差種: Human  |
| 免疫原          | C terminal amino acids 2993-3044 (IHGLYLDGAR WDRESGLLAE QYPKLLFDLM PIIWIKPTQK SRIIKSDAYV CP) of the Human DNAH12 protein (Q6ZR08).<br><a href="#">Run BLAST with ExPASy</a> <a href="#">Run BLAST with NCBI</a> |
| ポジティブ・コントロール | Human colon tissue.   |

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 repeated freeze / thaw cycles. |
| バッファー  | pH: 7.20<br>Preservative: 0.02% Sodium azide<br>Constituents: 59% PBS, 40% Glycerol            |
| 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 **ab122394** 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   |
|----------|-----------|--|
| IHC-P    |           | 1/50 - 1/200. Perform heat mediated antigen retrieval with citrate buffer pH 6 before commencing with IHC staining protocol. |
| WB       |           | 1/250 - 1/500.   |

## ターゲット情報

### 機能

Force generating protein of respiratory cilia. Produces force towards the minus ends of microtubules. Dynein has ATPase activity; the force-producing power stroke is thought to occur on release of ADP. Involved in sperm motility; implicated in sperm flagellar assembly.

### 配列類似性

Belongs to the dynein heavy chain family.

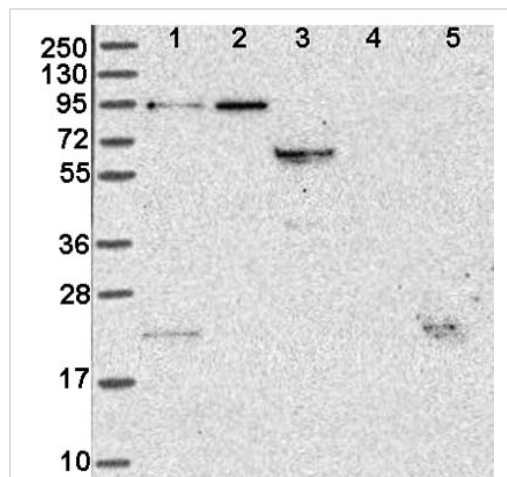
### ドメイン

Dynein heavy chains probably consist of an N-terminal stem (which binds cargo and interacts with other dynein components), and the head or motor domain. The motor contains six tandemly-linked AAA domains in the head, which form a ring. A stalk-like structure (formed by two of the coiled coil domains) protrudes between AAA 4 and AAA 5 and terminates in a microtubule-binding site. A seventh domain may also contribute to this ring; it is not clear whether the N-terminus or the C-terminus forms this extra domain. There are four well-conserved and two non-conserved ATPase sites, one per AAA domain. Probably only one of these (within AAA 1) actually hydrolyzes ATP, the others may serve a regulatory function.

### 細胞内局在

Cytoplasm > cytoskeleton > cilium axoneme.

## 画像



Western blot - Anti-DNAH12 antibody (ab122394)

**All lanes :** Anti-DNAH12 antibody  
(ab122394) at 1/250 dilution

**Lane 1 :** RT4 cell lysate

**Lane 2 :** U251 MG cell lysate

**Lane 3 :** Human Plasma cell lysate

**Lane 4 :** Liver cell lysate

**Lane 5 :** Tonsil cell lysate



ab122394, at 1/50, staining DNAH12 in paraffin embedded Human colon tissue by immunohistochemistry.

Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-DNAH12 antibody

(ab122394)

**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