

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
由来種	Rabbit
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). <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 Preservative: 0.02% Sodium azide 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.

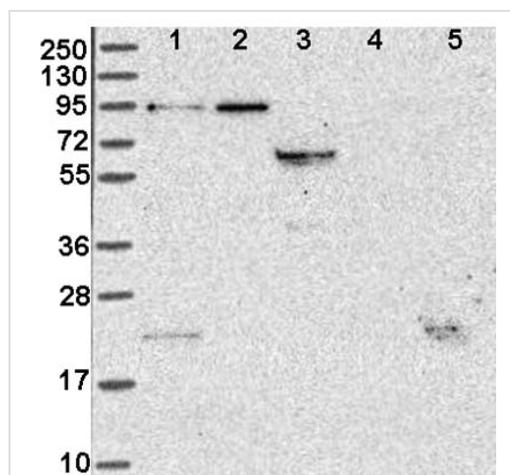
アプリケーション	Abreviews	特記事項
IHC-P		1/50 - 1/200. Perform heat mediated antigen retrieval with citrate buffer pH 6 before commencing with IHC staining protocol.

アプリケーション	Abreviews	特記事項
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

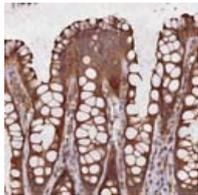
**Lane 1** : RT4 cell lysate

**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)

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