

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). Run BLAST with ExPASy Run BLAST with NCBI
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.

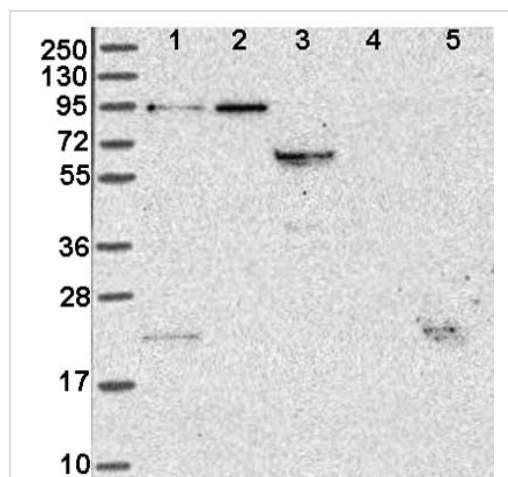
アプリケーション	Abreviews	特記事項
IHC-P		1/50 - 1/200. Perform heat mediated antigen retrieval with citrate buffer pH 6 before commencing with IHC staining protocol.

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



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

Lane 1 : RT4 cell lysate

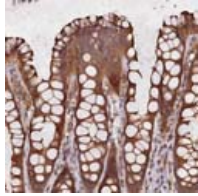
Lane 2 : U251 MG cell lysate

Lane 3 : Human Plasma cell lysate

Lane 4 : Liver cell lysate

Lane 5 : Tonsil cell lysate

Western blot - Anti-DNAH12 antibody (ab122394)



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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