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Product datasheet

Anti-DYNC2H1 antibody ab122525

3 References 2 图像

概述

产品名称	Anti-DYNC2H1抗体
描述	**兔多克隆抗体**to DYNC2H1
宿主	Rabbit
经测试应用	**适用于:** ICC/IF, IHC-P
种属反应性	**与反应:** Human
免疫原	amino acids 3954-4051 (DVFNQRNKKS IFPYSVSLPQ SCSILDYRAV IEKIPEDDKP SFFGLPANIA RSSQRMISSQ VISQLRILGR SITAGSKFDR EIWSNELSPV LNLWKKLN) of Human DYNC2H1. Run BLAST with ExPASy Run BLAST with NCBI
阳性对照	Human small intestine.
常规说明	The Life Science industry has been in the grips of a reproducibility crisis for a number of years. Abcam is leading the way in addressing this with our range of recombinant monoclonal antibodies and knockout edited cell lines for gold-standard validation. Please check that this product meets your needs before purchasing. If you have any questions, special requirements or concerns, please send us an inquiry and/or contact our Support team ahead of purchase. Recommended alternatives for this product can be found below, along with publications, customer reviews and Q&As

性能

形式	Liquid
存放说明	Shipped at 4°C. Upon delivery aliquot and store at -20°C. Avoid repeated freeze / thaw cycles.
存储溶液	pH: 7.20 Preservative: 0.02% Sodium azide Constituents: 59% PBS, 40% Glucose
纯度	Immunogen affinity purified
克隆	**多克隆**
同种型	IgG

应用

The Abpromise guarantee **Abpromise™承诺保证使用ab122525于以下的经测试应用**

"应用说明"部分 下显示的仅为推荐的起始稀释度;实际最佳的稀释度/浓度应由使用者检定。

应用	Ab评论	说明
ICC/IF		Use a concentration of 0.25 - 2 µg/ml.
IHC-P		1/50 - 1/200. Perform heat mediated antigen retrieval with citrate buffer pH 6 before commencing with IHC staining protocol.

靶标

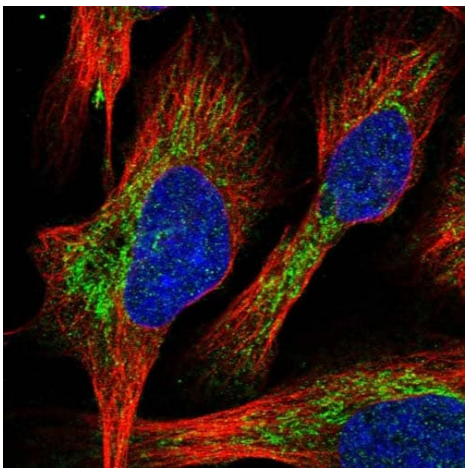
功能 May function as a motor for intraflagellar retrograde transport. Functions in cilia biogenesis. May play a role in transport between endoplasmic reticulum and Golgi or organization of the Golgi in cells.

疾病相关 Defects in DYNC2H1 are the cause of asphyxiating thoracic dystrophy type 3 (ATD3) [MIM:613091]. ATD3 is an autosomal recessive osteochondrodysplasia which often leads to death in infancy because of a severely constricted thoracic cage and respiratory insufficiency. Defects in DYNC2H1 are the cause of short rib-polydactyly syndrome type 3 (SRPS3) [MIM:263510]; also called Verma-Naumoff syndrome. A lethal skeletal dysplasia characterized by markedly short ribs, short limbs, polydactyly, narrow thorax, and multiple anomalies of major organs, including heart, intestines, genitalia, kidney, liver, and pancreas.

序列相似性 Belongs to the dynein heavy chain family.

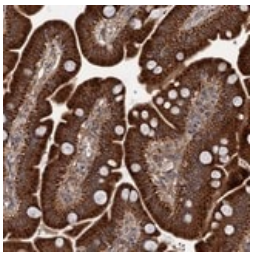
细胞定位 Cytoplasm > cytoskeleton > cilium axoneme. Cell membrane. Cytoplasm. Localizes to the apical cytoplasm (By similarity). According to PubMed:8666668, it localizes to Golgi apparatus, cytoplasmic vesicle and endoplasmic reticulum.

图片



Immunocytochemistry/ Immunofluorescence - Anti-DYNC2H1 antibody (ab122525)

Immunofluorescent staining of Human cell line U-2 OS shows positivity in mitochondria. Recommended concentration of ab122525 1-4 µg/ml. Cells treated with PFA/Triton X-100.



Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-DYNC2H1 antibody (ab122525)

ab122525, at a 1/100 dilution, staining DYNC2H1 in paraffin embedded Human small intestine tissue by Immunohistochemistry.

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