

Anti-RSPH4A antibody ab122157

3 图像

概述

产品名称	Anti-RSPH4A抗体
描述	兔多克隆抗体to RSPH4A
宿主	Rabbit
经测试应用	适用于: WB, IHC-P, ICC/IF
种属反应性	与反应: Human
免疫原	antigen sequence, corresponding to amino acids 22-94 (RPWEGKTAAS PQYSEPESE PLEAKQGPET GRQSRSSRPW SPQSRAKTPL GGPAGPETSS PAPVSPREPS SSP) of Human RSPH4A. Run BLAST with Expasy Run BLAST with NCBI
阳性对照	Human bronchus tissue; RT-4 and U-251 MG cell lysates; Human liver and tonsil lysates; A-431 cells
常规说明	<p>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.</p> <p>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</p>

性能

形式	Liquid
存放说明	Shipped at 4°C. Upon delivery aliquot and store at -20°C. Avoid freeze / thaw cycles.
存储溶液	pH: 7.20 Preservative: 0.02% Sodium azide Constituents: 59% PBS, 40% Glycerol (glycerin, glycerine)
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 ab122157 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
WB		1/250 - 1/500.
IHC-P		1/50 - 1/200. Perform heat mediated antigen retrieval with citrate buffer pH 6 before commencing with IHC staining protocol.
ICC/IF		Use a concentration of 0.25 - 2 µg/ml.

靶标

功能

Probable component of the axonemal radial spoke head. Radial spokes are regularly spaced along cilia, sperm and flagella axonemes. They consist of a thin stalk which is attached to a subfiber of the outer doublet microtubule, and a bulbous head which is attached to the stalk and appears to interact with the projections from the central pair of microtubules.

疾病相关

Defects in RSPH4A are the cause of primary ciliary dyskinesia type 11 (CILD11) [MIM:612649]. CILD is an autosomal recessive disorder characterized by axonemal abnormalities of motile cilia. Respiratory infections leading to chronic inflammation and bronchiectasis are recurrent, due to defects in the respiratory cilia; reduced fertility is often observed in male patients due to abnormalities of sperm tails. Half of the patients exhibit situs inversus, due to dysfunction of monocilia at the embryonic node and randomization of left-right body asymmetry. Primary ciliary dyskinesia associated with situs inversus is referred to as Kartagener syndrome.

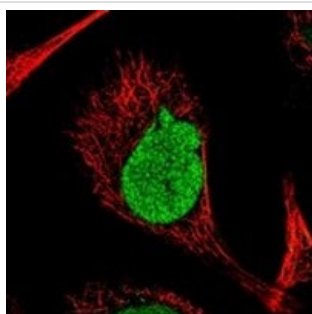
序列相似性

Belongs to the flagellar radial spoke RSP4/6 family.

细胞定位

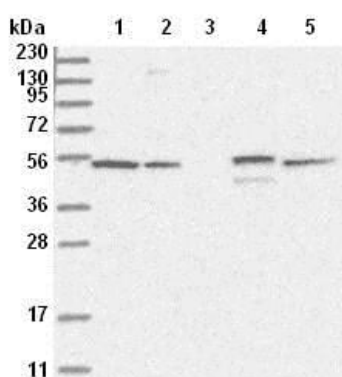
Cytoplasm > cytoskeleton > cilium axoneme. Radial spoke.

图片



ab122157, at 4 µg/ml, staining RSPH4A (green) in PFA-fixed, Triton-permeabilized Human A-431 cells by Immunofluorescence.

Immunocytochemistry/ Immunofluorescence - Anti-RSPH4A antibody (ab122157)



Western blot - Anti-RSPH4A antibody (ab122157)

All lanes : Anti-RSPH4A antibody (ab122157) at 1/250 dilution

Lane 1 : RT-4 cell lysate

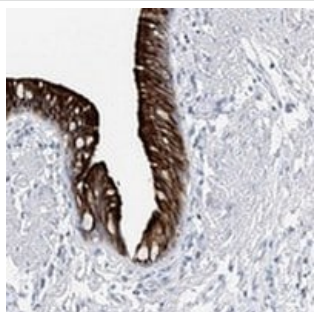
Lane 2 : U-251 MG cell lysate

Lane 3 : Human plasma

Lane 4 : Human liver lysate

Lane 5 : Human tonsil lysate

Developed using the ECL technique.



Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-RSPH4A antibody (ab122157)

ab122157, at 1/75, staining RSPH4A in paraffin embedded Human bronchus tissue by Immunohistochemistry.

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