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Product datasheet

Anti-IFT122 antibody ab111838

2 图像

概述

产品名称	Anti-IFT122抗体
描述	兔多克隆抗体to IFT122
宿主	Rabbit
经测试应用	适用于: WB, IHC-P
种属反应性	与反应: Human
免疫原	Recombinant fragment, corresponding to a region within amino acids 667-883 of Human IFT122 (AAH03045).
阳性对照	293T whole cell lysate; Hepatoma tissue.
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. Store at -20°C or -80°C. Avoid freeze / thaw cycle.
存储溶液	pH: 7.00
Preservative: 0.01% Thimerosal (merthiolate)
Constituents: 1.21% Tris, 0.75% Glycine, 20% Glycerol (glycerin, glycerine)
纯度	Immunogen affinity purified
纯化说明	ab111838 is purified by antigen-affinity chromatography.
克隆	多克隆
同种型	IgG

应用

应用	Ab评论	说明
WB		1/500 - 1/3000. Predicted molecular weight: 129 kDa.
IHC-P		1/100 - 1/500. Perform heat mediated antigen retrieval with citrate buffer pH 6 before commencing with IHC staining protocol. or Tris-EDTA buffer (pH 8.0)

靶标

功能	Required for cilia formation and Shh signaling during neuronal patterning.
组织特异性	Expressed in many tissues. Predominant expression in testis and pituitary.
疾病相关	Defects in IFT122 are a cause of cranioectodermal dysplasia type 1 (CED1) [MIM:218330]. CED1 is a disorder characterized by craniofacial, skeletal and ectodermal abnormalities. Clinical features include dolichocephaly (with or without sagittal suture synostosis), scaphocephaly, short stature, limb shortening, short ribs, narrow chest, brachydactyly, renal failure and hepatic fibrosis, small and abnormally shaped teeth, sparse hair, skin laxity and abnormal nails.
序列相似性	Contains 7 WD repeats.
细胞定位	Cytoplasm. Cell projection > cilium. Cytoplasm > cytoskeleton > cilium basal body. Localizes to photoreceptor connecting cilia.

图片

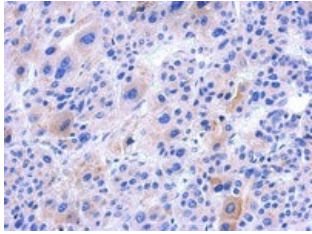Western blot - Anti-IFT122 antibody (ab111838)
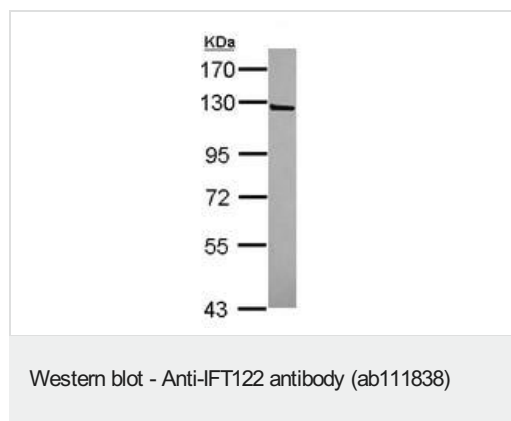
Anti-IFT122 antibody (ab111838) at 1/1000 dilution + 293T cell line lysate at 30 µg

Predicted band size: 129 kDa

7.5% SDS PAGE

ab111838, at 1/500 dilution, staining IFT122 in Formalin-fixed, Paraffin-embedded Hepatoma tissue by Immunohistochemistry.

Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-IFT122 antibody (ab111838)

Please note: All products are "FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC PROCEDURES"

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