

Anti-Aldolase B antibody ab153828

2 References **5 图像**

概述

产品名称	Anti-Aldolase B抗体
描述	兔多克隆抗体to Aldolase B
宿主	Rabbit
经测试应用	适用于: WB, IHC-P, ICC/IF
种属反应性	与反应: Mouse, Rat, Human
免疫原	Recombinant fragment corresponding to Human Aldolase B aa 15-265. Database link: P05062
阳性对照	Recombinant Human Aldolase B protein (ab123165) can be used as a positive control in WB. 293T, A431, HeLa, Neuro2A, GL261, C8D30 and PC12 whole cell lysates; Hela cells; Human hepatoma tissue.
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. Store at -20°C or -80°C. Avoid freeze / thaw cycle.
存储溶液	pH: 7.00 Preservative: 0.025% Proclin 300 Constituents: 78% PBS, 1% BSA, 20% 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ab153828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		1/500 - 1/3000. Predicted molecular weight: 39 kDa.
IHC-P		1/100 - 1/1000.
ICC/IF		1/100 - 1/1000.

靶标

通路

Carbohydrate degradation; glycolysis; D-glyceraldehyde 3-phosphate and glycerone phosphate from D-glucose: step 4/4.

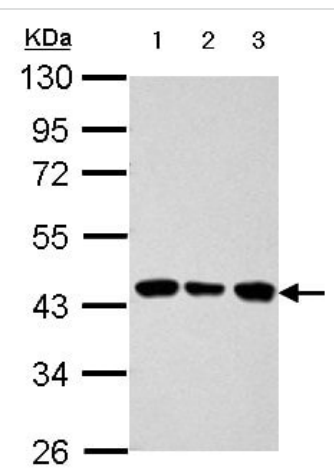
疾病相关

Defects in ALDOB are the cause of hereditary fructose intolerance (HFI) [MIM:229600]. HFI is an autosomal recessive disease that results in an inability to metabolize fructose and related sugars. Complete exclusion of fructose results in dramatic recovery; however, if not treated properly, HFI subjects suffer episodes of hypoglycemia, general ill condition, and risk of death the remainder of life.

序列相似性

Belongs to the class I fructose-bisphosphate aldolase family.

图片



Western blot - Anti-Aldolase B antibody (ab153828)

All lanes : Anti-Aldolase B antibody (ab153828) at 1/1000 dilution

Lane 1 : 293T whole cell lysate

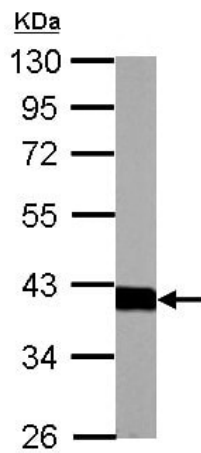
Lane 2 : A431 whole cell lysate

Lane 3 : HeLa whole cell lysate

Lysates/proteins at 30 µg per lane.

Predicted band size: 39 kDa

10% SDS PAGE

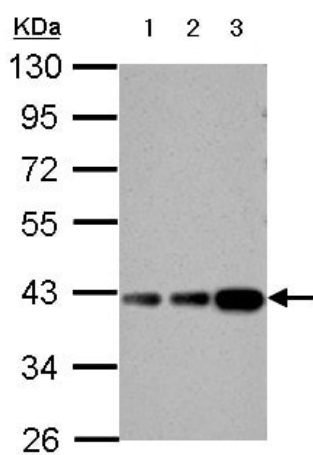


Western blot - Anti-Aldolase B antibody (ab153828)

Anti-Aldolase B antibody (ab153828) at 1/1000 dilution + PC12 whole cell lysate at 30 µg

Predicted band size: 39 kDa

10 % SDS-PAGE



Western blot - Anti-Aldolase B antibody (ab153828)

All lanes : Anti-Aldolase B antibody (ab153828) at 1/1000 dilution

Lane 1 : Neuro2A whole cell lysate

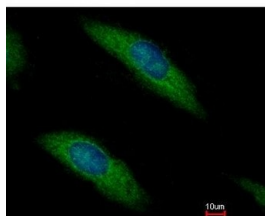
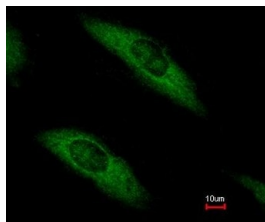
Lane 2 : GL261 whole cell lysate

Lane 3 : C8D30 whole cell lysate

Lysates/proteins at 30 µg per lane.

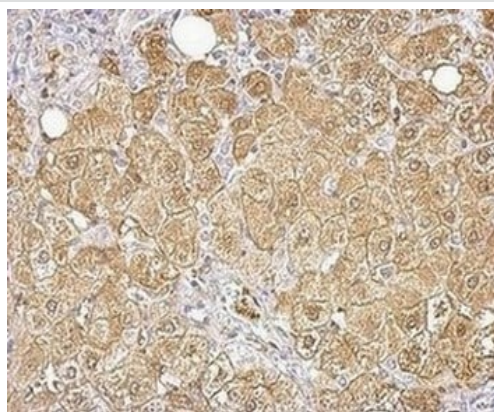
Predicted band size: 39 kDa

10 % SDS-PAGE



Immunofluorescence analysis of methanol fixed HeLa cells labeling Aldolase B with ab153828 at 1/500. Lower panel shows costaining with Hoechst 33342.

Immunocytochemistry/ Immunofluorescence - Anti-Aldolase B antibody (ab153828)



Immunohistochemical analysis of paraffin embedded Human hepatoma tissue labeling ALDOB with ab153828 at 1/500.

Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-Aldolase B antibody (ab153828)

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