


Anti-ATP5D antibody ab97491

6 References **3 图像**

概述

产品名称	Anti-ATP5D抗体
描述	兔多克隆抗体to ATP5D
宿主	Rabbit
经测试应用	适用于: WB, IHC-P
种属反应性	与反应: Mouse, Human 预测可用于: Rat, Cow 
免疫原	Recombinant protein fragment, corresponding to a region within amino acids 1-158 of Human ATP5D (NP_001678).
阳性对照	293T, A431, H1299, HeLaS3, HepG2, MOLT4 or Raji cell lysate.
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 or -80°C. Avoid repeated freeze / thaw cycles.
存储溶液	<p>pH: 7.00</p> <p>Preservative: 0.01% Thimerosal (merthiolate)</p> <p>Constituents: 78.99% PBS, 1% BSA, 20% Glycerol (glycerin, glycerine)</p>
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ab97491于以下的经测试应用

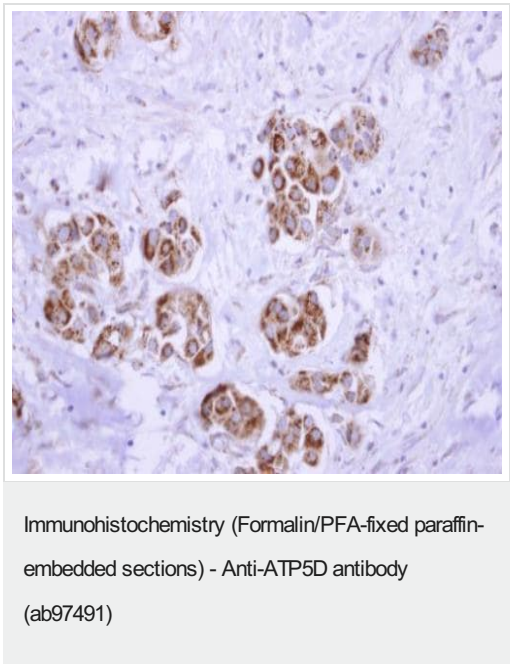
“应用说明”部分 下显示的仅为推荐的起始稀释度;实际最佳的稀释度/浓度应由使用者检定。

应用	Ab评论	说明
WB		1/500 - 1/3000. Predicted molecular weight: 17 kDa.
IHC-P		1/250.

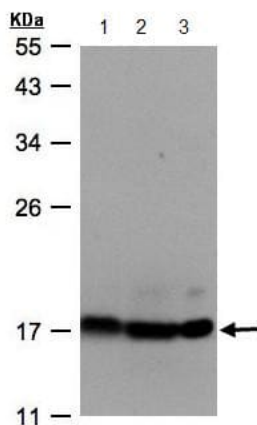
靶标

功能	Mitochondrial membrane ATP synthase (F(1)F(0) ATP synthase or Complex V) produces ATP from ADP in the presence of a proton gradient across the membrane which is generated by electron transport complexes of the respiratory chain. F-type ATPases consist of two structural domains, F(1) - containing the extramembraneous catalytic core, and F(0) - containing the membrane proton channel, linked together by a central stalk and a peripheral stalk. During catalysis, ATP turnover in the catalytic domain of F(1) is coupled via a rotary mechanism of the central stalk subunits to proton translocation. Part of the complex F(1) domain and of the central stalk which is part of the complex rotary element. Rotation of the central stalk against the surrounding alpha(3)beta(3) subunits leads to hydrolysis of ATP in three separate catalytic sites on the beta subunits.
序列相似性	Belongs to the ATPase epsilon chain family.
细胞定位	Mitochondrion. Mitochondrion inner membrane.

图片



Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) of Human breast cancer tissue, stained with ab97491 at 1/250.



Western blot - Anti-ATP5D antibody (ab97491)

All lanes : Anti-ATP5D antibody (ab97491) at 1/500 dilution

Lane 1 : HepG2 whole cell lysate

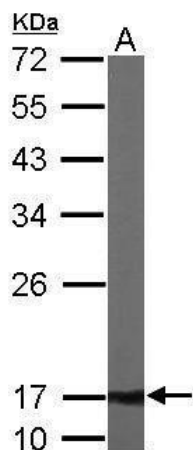
Lane 2 : MOLT4 whole cell lysate

Lane 3 : Raji whole cell lysate

Lysates/proteins at 30 µg per lane.

Predicted band size: 17 kDa

12% SDS PAGE



Western blot - Anti-ATP5D antibody (ab97491)

Anti-ATP5D antibody (ab97491) at 1/1000 dilution + Mouse brain at 50 µg

Predicted band size: 17 kDa

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

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