


Anti-P4HB antibody ab96744

2 图像

概述

产品名称	Anti-P4HB抗体
描述	兔多克隆抗体to P4HB
宿主	Rabbit
经测试应用	适用于: WB, ICC/IF
种属反应性	与反应: Human 预测可用于: Mouse, Rat, Rabbit, Cow 
免疫原	Recombinant fragment corresponding to a region within amino acids 73-197 of Human P4HB (NP_000909).
阳性对照	293T, A431 and H1299 whole cell lysates; A431 cells; HeLa S3, HepG2, MOLT4 and Raji cell lines
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: 1.21% Tris, 0.75% Glycine, 10% 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ab96744于以下的经测试应用

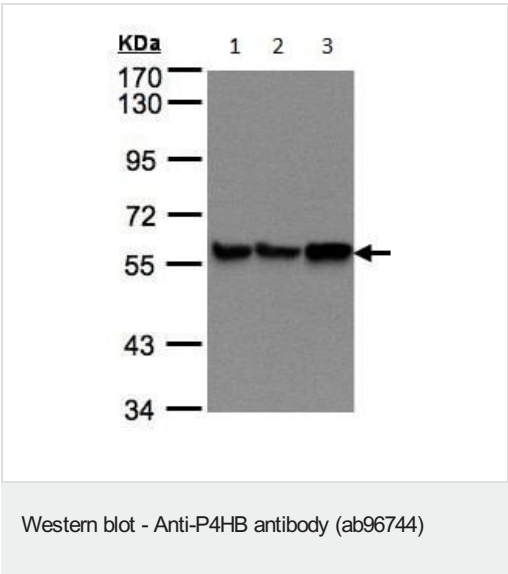
“应用说明”部分 下显示的仅为推荐的起始稀释度;实际最佳的稀释度/浓度应由使用者检定。

应用	Ab评论	说明
WB		1/500 - 1/3000. Predicted molecular weight: 57 kDa.
ICC/IF		1/100 - 1/200.

靶标

功能	This multifunctional protein catalyzes the formation, breakage and rearrangement of disulfide bonds. At the cell surface, seems to act as a reductase that cleaves disulfide bonds of proteins attached to the cell. May therefore cause structural modifications of exofacial proteins. Inside the cell, seems to form/rearrange disulfide bonds of nascent proteins. At high concentrations, functions as a chaperone that inhibits aggregation of misfolded proteins. At low concentrations, facilitates aggregation (anti-chaperone activity). May be involved with other chaperones in the structural modification of the TG precursor in hormone biogenesis. Also acts a structural subunit of various enzymes such as prolyl 4-hydroxylase and microsomal triacylglycerol transfer protein MTTP.
序列相似性	Belongs to the protein disulfide isomerase family. Contains 2 thioredoxin domains.
细胞定位	Endoplasmic reticulum lumen. Melanosome. Cell membrane. Highly abundant. In some cell types, seems to be also secreted or associated with the plasma membrane, where it undergoes constant shedding and replacement from intracellular sources (Probable). Localizes near CD4-enriched regions on lymphoid cell surfaces. Identified by mass spectrometry in melanosome fractions from stage I to stage IV.

图片



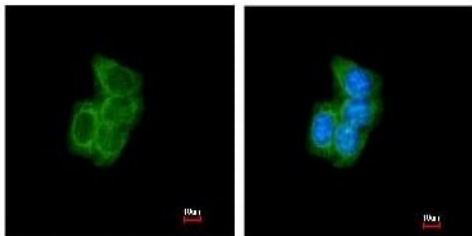
All lanes : Anti-P4HB antibody (ab96744) at 1/500 dilution

- Lane 1 :** 293T whole cell lysate
- Lane 2 :** A431 whole cell lysate
- Lane 3 :** H1299 whole cell lysate

Lysates/proteins at 30 µg per lane.

Predicted band size: 57 kDa

7.5% SDS PAGE



Immunocytochemistry/ Immunofluorescence - Anti-P4HB antibody (ab96744)

ab96744, at 1/200 dilution, staining P4HB in methanol-fixed A431 cells by Immunofluorescence analysis. Right image is costained with Hoechst 33342.

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

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