abcam

Product datasheet

Anti-P protein antibody ab83975

1 Abreviews 1 图像

概述

产品名称	Anti-P蛋白抗体
描述	**兔多克隆抗体**to P蛋白
宿主	Rabbit
经测试应用	**适用于:** WB
种属反应性	**与反应:** Human **预测可用于:** Mouse, Rat, Rabbit, Horse, Chicken, Guinea pig, Cow, Cat, Dog, Pig, Zebrafish
免疫原	Synthetic peptide corresponding to a region within internal amino acids 468 - 517 (LIAEVIFTNI GGAATAIGDP PNVIIVSNQE LRKMGLDFAG FTAHMFIGIC) of Human P protein (NP_000266) Run BLAST with ExPASy Run BLAST with NCBI
阳性对照	Placenta lysate.

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	Preservative: 0.09% Sodium azide Constituents: 2% Sucrose, PBS
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ab83975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

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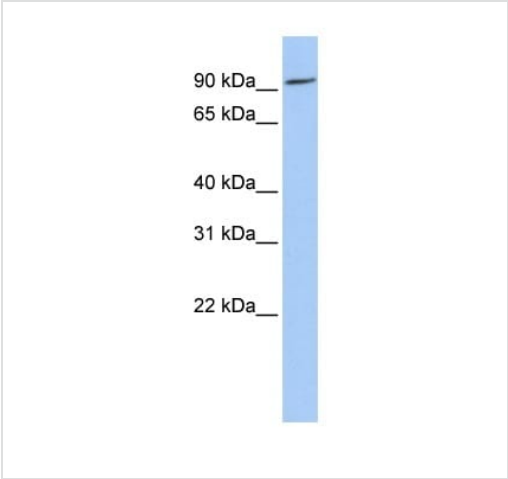
WB		Use a concentration of 1 µg/ml. Predicted molecular weight: 93 kDa. Good results were obtained when blocked with 5% non-fat dry milk in 0.05% PBS-T.

靶标

功能	Could be involved in the transport of tyrosine, the precursor to melanin synthesis, within the melanocyte. Regulates the pH of melanosome and the melanosome maturation. One of the components of the mammalian pigmentary system. Seems to regulate the post-translational processing of tyrosinase, which catalyzes the limiting reaction in melanin synthesis. May serve as a key control point at which ethnic skin color variation is determined. Major determinant of brown and/or blue eye color.
疾病相关	Defects in OCA2 are the cause of albinism oculocutaneous type 2 (OCA2) [MIM:203200]. An autosomal recessive disorder in which the biosynthesis of melanin pigment is reduced in skin, hair, and eyes. Although affected infants may appear at birth to have complete absence of melanin pigment, most patients acquire small amounts of pigment with age. Visual anomalies include decreased acuity and nystagmus. The phenotype is highly variable. The hair of affected individuals may turn darker with age, and pigmented nevi or freckles may be seen. African and African American individuals may have yellow hair and blue-gray or hazel irides. One phenotypic variant, 'brown OCA,' has been described in African and African American populations and is characterized by light brown hair and skin color and gray to tan irides.
序列相似性	Belongs to the CitM (TC 2.A.11) transporter family.
细胞定位	Melanosome membrane.

图片



Western blot - Anti-P protein antibody (ab83975)

Anti-P protein antibody (ab83975) at 1 µg/ml (in 5% skim milk / PBS buffer) + placenta lysate at 10 µg

Secondary

HRP conjugated anti-Rabbit IgG at 1/50000 dilution

Predicted band size: 93 kDa

Observed band size: >90 kDa

12% gel

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

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