Product datasheet

Anti-Cullin 7/CUL-7 antibody ab96861

1 Abreviews 2 References 1 图像

概述

产品名称	Anti-Cullin 7/CUL-7抗体
描述	兔多克隆抗体to Cullin 7/CUL-7
宿主	Rabbit
经测试应用	**适用于:** WB
种属反应性	**与反应:** Human
免疫原	Synthetic peptide corresponding to Human Cullin 7/CUL-7 aa 1370-1679.
阳性对照	H1299, HeLa, HepG2, Molt-4, Raji
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
克隆	多克隆
同种型	IgG

应用

The Abpromise guarantee Abpromise™承诺保证使用ab96861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		1/1000. Predicted molecular weight: 191 kDa.

靶标

功能 Component of a probable SCF-like E3 ubiquitin-protein ligase complex, which mediates the ubiquitination and subsequent proteasomal degradation of target proteins. Probably plays a role in the degradation of proteins involved in endothelial proliferation and/or differentiation (By similarity). Seems not to promote polyubiquitination and proteasomal degradation of TP53. In vitro, complexes of CUL7 with either CUL9 or FBXW8 or TP53 contain E3 ubiquitin-protein ligase activity.

组织特异性 Highly expressed in fetal kidney and adult skeletal muscle. Also abundant in fetal brain, as well as in adult pancreas, kidney, placenta and heart. Detected in trophoblasts, lymphoblasts, osteoblasts, chondrocytes and skin fibroblasts.

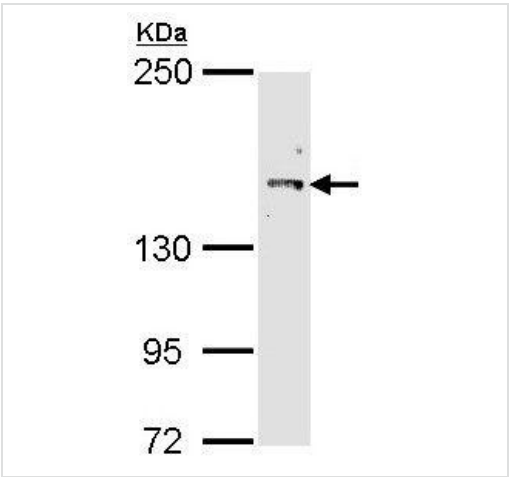
通路 Protein modification; protein ubiquitination.

疾病相关 Defects in CUL7 are the cause of 3M syndrome type 1 (3M1) [MIM:273750]. An autosomal recessive disorder characterized by severe pre- and postnatal growth retardation, facial dysmorphism, large head circumference, and normal intelligence and endocrine function. Skeletal changes include long slender tubular bones and tall vertebral bodies.

序列相似性 Belongs to the cullin family.
Contains 1 DOC domain.

细胞定位 Cytoplasm.

图片



Western blot - Anti-Cullin 7/CUL-7 antibody (ab96861)

Anti-Cullin 7/CUL-7 antibody (ab96861) at 1/1000 dilution + Molt-4 cell lysate at 30 µg

Predicted band size: 191 kDa

A 7.5% SDS-PAGE gel was used.

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