

Anti-WDR79 antibody ab99376

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概述

产品名称	Anti-WDR79抗体
描述	兔多克隆抗体to WDR79
宿主	Rabbit
经测试应用	适用于: WB, IP, IHC-P
种属反应性	与反应: Human 预测可用于: Chimpanzee, Rhesus monkey, Gorilla 
免疫原	Synthetic peptide, corresponding to a region between residue 1 and 50 of Human WDR79 (NP_060551.1)
阳性对照	HeLa whole cell lysate (ab150035)
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. Avoid freeze / thaw cycles.
存储溶液	pH: 6.8 Preservative: 0.09% Sodium azide Constituents: 0.1% BSA, Tris buffered saline
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ab99376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		1/2000 - 1/10000. Predicted molecular weight: 59 kDa.
IP		Use at 2-5 µg/mg of lysate.
IHC-P		1/100 - 1/500. Perform heat mediated antigen retrieval with citrate buffer pH 6 before commencing with IHC staining protocol.

靶标**功能**

Essential component of the telomerase holoenzyme complex, a ribonucleoprotein complex essential for the replication of chromosome termini that elongates telomeres in most eukaryotes. In the telomerase holoenzyme complex, it controls telomerase localization to Cajal body. Required for delivery of TERC to telomeres during S phase and for telomerase activity. Binds small Cajal body RNAs (scaRNAs). The mRNA encoding this protein plays a critical role in the regulation of p53 expression at the post-transcriptional level; it is involved both in maintaining basal p53 mRNA levels and in p53 induction upon DNA damage.

组织特异性

Expressed in all tissues and cell lines examined.

疾病相关

Defects in WRAP53 are the cause of dyskeratosis congenita autosomal recessive type 3 (DKCB3) [MIM:613988]. A rare multisystem disorder caused by defective telomere maintenance. It is characterized by progressive bone marrow failure, and the clinical triad of reticulated skin hyperpigmentation, nail dystrophy, and mucosal leukoplakia. Common but variable features include premature graying, aplastic anemia, low platelets, osteoporosis, pulmonary fibrosis, and liver fibrosis among others. Early mortality is often associated with bone marrow failure, infections, fatal pulmonary complications, or malignancy.

序列相似性

Contains 6 WD repeats.

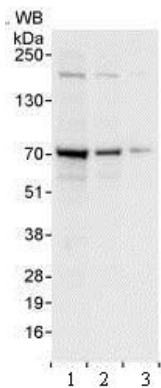
翻译后修饰

Phosphorylated upon DNA damage, probably by ATM or ATR.

细胞定位

Nucleus > Cajal body. Cytoplasm.

图片



Western blot - Anti-WDR79 antibody (ab99376)

All lanes : Anti-WDR79 antibody (ab99376) at 0.04 µg/ml

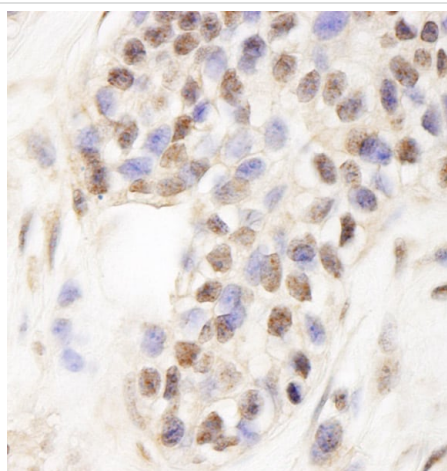
Lane 1 : HeLa whole cell lysate at 50 µg

Lane 2 : HeLa whole cell lysate at 15 µg

Lane 3 : HeLa whole cell lysate at 5 µg

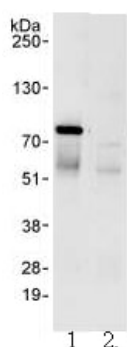
Predicted band size: 59 kDa

Exposure time: 30 seconds



Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-WDR79 antibody (ab99376)

Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) analysis of human breast carcinoma tissue labelling WDR79 with ab99376 at 1/200 (1µg/ml). Detection: DAB.



Immunoprecipitation - Anti-WDR79 antibody (ab99376)

Lane 1 : Detection of Human WDR79 by Immunoprecipitation from HeLa cells(1 mg for IP, 20% of IP loaded), using 3µg/mg lysate .

Lane 2 : Control IgG

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