

Anti-p73 antibody ab14430

★★★★★ **4 Abreviews** **20 References** **2 图像**

概述

产品名称	Anti-p73抗体
描述	兔多克隆抗体to p73
宿主	Rabbit
特异性	The antibody is not expected to react with deltaNp73.
经测试应用	适用于: IP, WB
种属反应性	与反应: Human 预测可用于: Mouse, Chimpanzee, Rhesus monkey, Gorilla, African green monkey, Orangutan
免疫原	Synthetic peptide corresponding to Human p73 aa 1-62. The epitope is found in isoforms alpha, beta, gamma, delta, epsilon, zeta, and kappa of human p73. Database link: <u>O15350</u>
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. Store at +4°C short term (1-2 weeks). Upon delivery aliquot. Store at -20°C. Avoid freeze / thaw cycle.
存储溶液	pH: 7 Preservative: 0.1% Sodium azide Constituents: 0.021% PBS, 1.764% Sodium citrate, 1.815% Tris
纯度	Immunogen affinity purified
纯化说明	Antibody was purified using an epitope specific to p73 immobilized on solid support.
克隆	多克隆

同种型

lgG

应用

The Abpromise guarantee

Abpromise™承诺保证使用ab14430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
IP		Use a concentration of 0.1 µg/ml.
WB	★★★★★ (2)	Use a concentration of 0.1 µg/ml. Predicted molecular weight: 69 kDa.

靶标

功能

Participates in the apoptotic response to DNA damage. Isoforms containing the transactivation domain are pro-apoptotic, isoforms lacking the domain are anti-apoptotic and block the function of p53 and transactivating p73 isoforms. May be a tumor suppressor protein.

组织特异性

Expressed in striatal neurons of patients with Huntington disease (at protein level). Brain, kidney, placenta, colon, heart, liver, spleen, skeletal muscle, prostate, thymus and pancreas. Highly expressed in fetal tissue.

序列相似性

Belongs to the p53 family.
Contains 1 SAM (sterile alpha motif) domain.

结构域

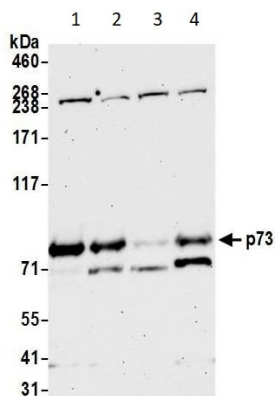
Possesses an acidic transactivation domain, a central DNA binding domain and a C-terminal oligomerization domain that binds to the ABL tyrosine kinase SH3 domain.
The WW-binding motif mediates interaction with WWOX.

翻译后修饰

Isoform alpha (but not isoform beta) is sumoylated on Lys-627, which potentiates proteasomal degradation but does not affect transcriptional activity.
Higher levels of phosphorylation seen in the brain from patients with Huntington disease.
Ubiquitinated; leading to its degradation by the proteasome.

细胞定位

Nucleus. Accumulates in the nucleus in response to DNA damage.



Western blot - Anti-p73 antibody (ab14430)

All lanes : Anti-p73 antibody (ab14430) at 0.1 µg/ml

Lane 1 : HEK293 cell lysate

Lane 2 : HeLa cell lysate

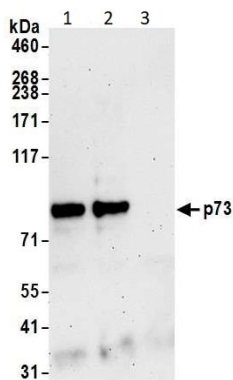
Lane 3 : HepG2 cell lysate

Lane 4 : RKO cell lysate

Lysates/proteins at 50 µg per lane.

Predicted band size: 69 kDa

Exposure time: 75 seconds



Immunoprecipitation - Anti-p73 antibody (ab14430)

Immunoprecipitation of p73 with ab14430 at 0.1 µg/mL.

Lane 1 and 2: Different lots of ab14430 + Whole cell lysate (1.0 mg per IP reaction; 20% of IP loaded) from HeLa cells prepared using NETN lysis buffer.

Lane 2: IgG control + Whole cell lysate (1.0 mg per IP reaction; 20% of IP loaded) from HeLa cells prepared using NETN lysis buffer.

Detection: Chemiluminescence

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