abcam

Product datasheet

Anti-FANCC antibody ab97575

2 References 3 图像

概述

产品名称	Anti-FANCC抗体
描述	**兔多克隆抗体**to FANCC
宿主	Rabbit
经测试应用	**适用于:** WB, ICC/IF
种属反应性	**与反应:** Mouse, Human
免疫原	Recombinant protein fragment corresponding to a region within amino acids 1 and 275 of FANCC (Q00597).
阳性对照	WB: H1299, NIH 3T3, 293T, A431, HepG2 or Raji cell lysate; ICC/IF: HeLa cells.
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 and store at -20°C or -80°C. Avoid repeated freeze / thaw cycles.
存储溶液	pH: 7.00 Preservative: 0.01% Thimerosal (merthiolate) Constituents: 1.21% Tris, 0.75% Glycine, 10% 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ab97575于以下的经测试应用**

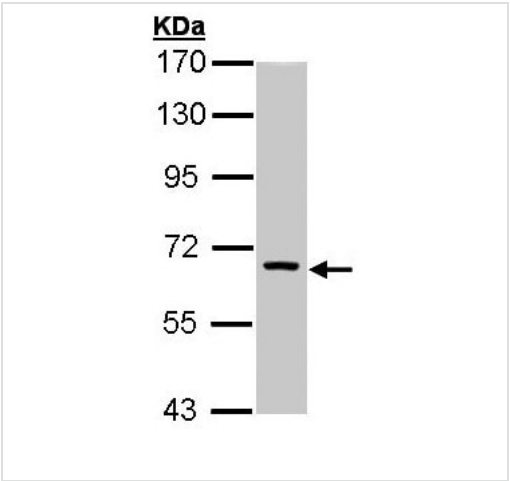
“应用说明”部分 下显示的仅为推荐的起始稀释度;实际最佳的稀释度/浓度应由使用者检定。

应用	Ab评论	说明
WB		1/500 - 1/3000. Predicted molecular weight: 63 kDa.
ICC/IF		1/100 - 1/200.

靶标

功能	DNA repair protein that may operate in a postreplication repair or a cell cycle checkpoint function. May be implicated in interstrand DNA cross-link repair and in the maintenance of normal chromosome stability. Upon IFNG induction, may facilitate STAT1 activation by recruiting STAT1 to IFNGR1.
组织特异性	Ubiquitous.
疾病相关	Defects in FANCC are the cause of Fanconi anemia complementation group C (FANCC) [MIM:227645]. A disorder affecting all bone marrow elements and resulting in anemia, leukopenia and thrombopenia. It is associated with cardiac, renal and limb malformations, dermal pigmentary changes, and a predisposition to the development of malignancies. At the cellular level it is associated with hypersensitivity to DNA-damaging agents, chromosomal instability (increased chromosome breakage) and defective DNA repair.
发展阶段	Expression increases during S phase, is maximal at the G2/M transition, and declines during M phase (at protein level).
细胞定位	Nucleus. Cytoplasm. The major form is nuclear. The minor form is cytoplasmic.

图片

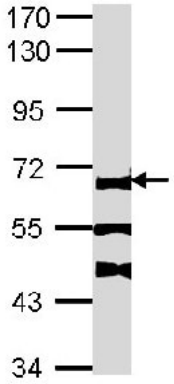


Western blot - Anti-FANCC antibody (ab97575)

Anti-FANCC antibody (ab97575) at 1/1000 dilution + H1299 whole cell lysate at 30 µg

Predicted band size: 63 kDa

7.5% SDS Page

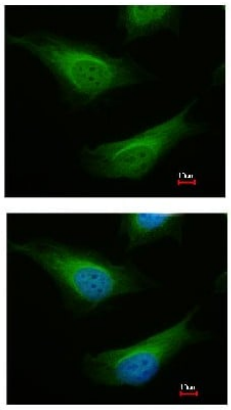


Western blot - Anti-FANCC antibody (ab97575)

Anti-FANCC antibody (ab97575) at 1/1000 dilution + NIH 3T3 whole cell lysate at 30 µg

Predicted band size: 63 kDa

7.5% SDS Page



Immunocytochemistry/ Immunofluorescence - Anti-FANCC antibody (ab97575)

Immunofluorescence analysis of paraformaldehyde-fixed HeLa cells, using ab97575 at 1/200 dilution. Bottom picture shows stain merged with DNA probe.

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