

Product datasheet

Anti-HSPC142 antibody ab115017

2 图像

概述

产品名称	Anti-HSPC142抗体
描述	兔多克隆抗体to HSPC142
宿主	Rabbit
经测试应用	适用于: IHC-P, IP 不适用于: WB
种属反应性	与反应: Human 预测可用于: Mouse, Rat, Horse, Cow, Dog, Pig, Chimpanzee, Rhesus monkey, Gorilla, Chinese hamster, Orangutan, Elephant 
免疫原	Synthetic peptide, corresponding to a region within amino acids 175-225 of Human HSPC142 (NP_054892.2).
阳性对照	Hela whole cell lysate

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	Preservative: 0.09% Sodium azide Constituent: Tris citrate/phosphate Note: pH 7 to 8
纯度	Immunogen affinity purified
纯化说明	ab115017 was affinity purified using an epitope specific to HSPC142 immobilized on solid support.
克隆	多克隆
同种型	IgG

应用

Our [Abpromise guarantee](#) covers the use of **ab115017** in the following tested applications.

The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

应用	Ab评论	说明
IHC-P		1/500 - 1/2000. Perform heat mediated antigen retrieval with citrate buffer pH 6 before commencing with IHC staining protocol.
IP		Use at 2-5 µg/mg of lysate.

应用说明 Is unsuitable for WB.

靶标

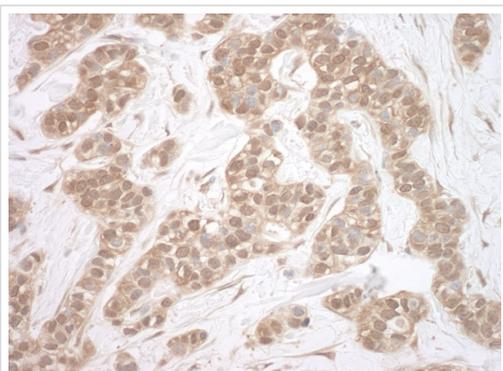
功能 Component of the BRCA1-A complex, a complex that specifically recognizes 'Lys-63'-linked ubiquitinated histones H2A and H2AX at DNA lesions sites, leading to target the BRCA1-BARD1 heterodimer to sites of DNA damage at double-strand breaks (DSBs). The BRCA1-A complex also possesses deubiquitinase activity that specifically removes 'Lys-63'-linked ubiquitin on histones H2A and H2AX. In the BRCA1-A complex, it is required for the complex integrity and its localization at DSBs. Probably also plays a role as a component of the BRISC complex, a multiprotein complex that specifically cleaves 'Lys-63'-linked ubiquitin. In these 2 complexes, it is probably required to maintain the stability of BRE/BRCC45 and help the 'Lys-63'-linked deubiquitinase activity mediated by BRCC3/BRCC36. component.

序列相似性 Belongs to the BABAM1 family.

结构域 The VWFA-like region is similar to the VWFA domain. Its presence reveals similarities between the structure of the 19S proteasome and the BRCA1-A complexes.

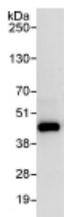
细胞定位 Cytoplasm. Nucleus. Localizes at sites of DNA damage at double-strand breaks.

图片



Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) analysis of human breast carcinoma tissue labelling HSPC142 with ab115017 at 1/1000 (1 µg/ml).
Detection: DAB.

Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-HSPC142 antibody (ab115017)



Immunoprecipitation - Anti-HSPC142 antibody
(ab115017)

Detection of HSPC142 by Western Blot of Immunoprecipitate.

anti-HSPC142, at 1 µg/ml, staining HSPC142 in HeLa whole cell lysate immunoprecipitated using ab115017 at 3 µg/mg lysate (1 mg/IP; 20% of IP loaded/lane).

Detection: Chemiluminescence with an exposure time of 10 seconds.

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