

Product datasheet

Anti-FANCL antibody ab94458

★★★☆☆ 2 Abreviews 2 References 3 图像

概述

产品名称	Anti-FANCL抗体
描述	兔多克隆抗体to FANCL
宿主	Rabbit
经测试应用	适用于: IHC-P, WB, ICC/IF
种属反应性	与反应: Mouse, Human 预测可用于: Rabbit, Dog
免疫原	Synthetic peptide from a region within internal sequence amino acids 144-193 (SGREHLITLK LKAKYPAESP DYFVDFPVPF CASWTPQVNS PQSSLISIYS) of Human FANCL (NP_001108108). Run BLAST with ExPASy Run BLAST with NCBI
阳性对照	Fetal heart 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 Constituents: 2% Sucrose, PBS
纯度	Immunogen affinity purified
克隆	多克隆
同种型	IgG

应用

Our [Abpromise guarantee](#) covers the use of **ab94458** in the following tested applications.

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

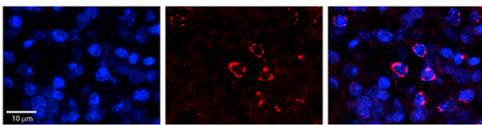
应用	Ab评论	说明
IHC-P		1/100.

应用	Ab评论	说明
WB	★★★★☆	Use a concentration of 1 µg/ml. Predicted molecular weight: 43 kDa. Good results were obtained when blocked with 5% non-fat dry milk in 0.05% PBS-T.
ICC/IF	★★★★☆	Use at an assay dependent concentration.

靶标

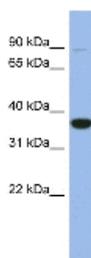
功能	Ubiquitin ligase protein that mediates monoubiquitination of FANCD2, a key step in the DNA damage pathway. Also mediates monoubiquitination of FANCI. May stimulate the ubiquitin release from UBE2W. May be required for proper primordial germ cell proliferation in the embryonic stage, whereas it is probably not needed for spermatogonial proliferation after birth.
通路	Protein modification; protein ubiquitination.
疾病相关	Fanconi anemia complementation group L
序列相似性	Contains 1 RING-type zinc finger.
结构域	The UBC-RWD region (URD) region mediates interaction with FANCI and FANCD2.
翻译后修饰	The RING-type zinc finger domain is monoubiquitinated in the presence of UBE2T and UBE2W.
细胞定位	Cytoplasm. Nucleus.

图片



Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-FANCL antibody (ab94458)

Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) analysis of human pineal tissue labelling FANCL with ab94458 at 1/100. A Cy3-conjugated donkey anti-rabbit IgG (1/200) was used as the secondary antibody. Positive staining shown in the cytoplasm and nuclei of pinealocytes. Magnification: 20X. Exposure time: 0.5 - 2.0 seconds. Left - DAPI. Middle - FANCL. Right - Merge.



Western blot - Anti-FANCL antibody (ab94458)

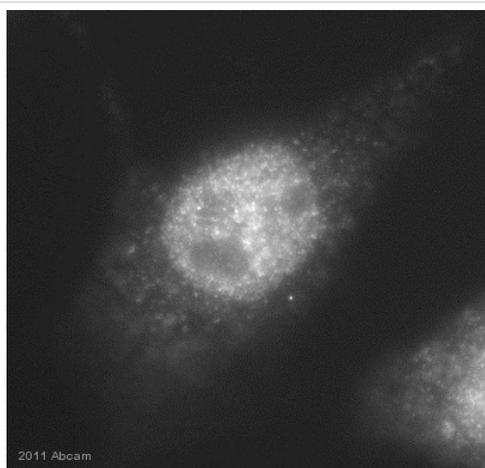
Anti-FANCL antibody (ab94458) at 1 µg/ml +
Human fetal heart lysate at 10 µg

Secondary

HRP conjugated anti-Rabbit IgG at 1/50000
dilution

Predicted band size: 43 kDa

Gel concentration: 12%



Immunocytochemistry/ Immunofluorescence - Anti-FANCL antibody (ab94458)

This image is courtesy of an anonymous Abreview

ab94458 staining FANCL in untreated HeLa cells by ICC/IF

(Immunocytochemistry/immunofluorescence).

Cells were fixed with formaldehyde,

permeabilized with Triton X-100 (0.5%) and

blocked with 5% BSA for 15 minutes at 20°C.

Samples were incubated with primary

antibody (1/500 in PBS + 5% BSA + 0.05%

Tween20) for 16 hours at 4°C. An Alexa

Fluor[®]488-conjugated Goat anti-rabbit

polyclonal (1/500) was used as the secondary antibody.

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