

## Product datasheet

# Anti-FANCL antibody ab105020

### 1 图像

#### 概述

<b>产品名称</b>	Anti-FANCL抗体
<b>描述</b>	山羊多克隆抗体to FANCL
<b>特异性</b>	ab105020 is expected to recognize both isoforms (NP_001108108.1; NP_060532.2).
<b>经测试应用</b>	<b>适用于:</b> WB
<b>种属反应性</b>	<b>与反应:</b> Human <b>预测可用于:</b> Mouse, Rat, Chicken, Cow, Dog
<b>免疫原</b>	Synthetic peptide: C-QLNKDVLEIDFP , corresponding to internal sequence amino acids 282-293 of Human FANCL (NP_060532.2). <a href="#">Run BLAST with</a> <a href="#">Run BLAST with</a>
<b>阳性对照</b>	Human Bone Marrow lysate

#### 性能

<b>形式</b>	Liquid
<b>存放说明</b>	Shipped at 4°C. Upon delivery aliquot and store at -20°C. Avoid freeze / thaw cycles.
<b>存储溶液</b>	Preservative: 0.02% Sodium Azide Constituents: 0.5% BSA, Tris buffered saline, pH 7.3
<b>纯度</b>	Immunogen affinity purified
<b>纯化说明</b>	ab105020 is purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide.
<b>克隆</b>	多克隆
<b>同种型</b>	IgG

#### 应用

Our [Abpromise guarantee](#) covers the use of **ab105020** in the following tested applications.

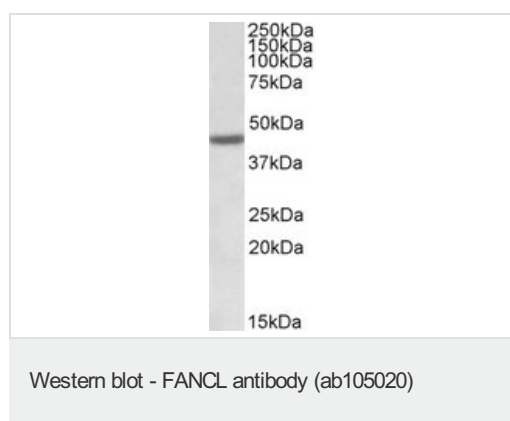
The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

应用	Ab评论	说明
WB		Use a concentration of 1 - 3 µg/ml. Detects a band of approximately 45 kDa (predicted molecular weight: 43 kDa).

## 靶标

<b>功能</b>	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.
<b>通路</b>	Protein modification; protein ubiquitination.
<b>疾病相关</b>	Fanconi anemia complementation group L
<b>序列相似性</b>	Contains 1 RING-type zinc finger.
<b>结构域</b>	The UBC-RWD region (URD) region mediates interaction with FANCI and FANCD2.
<b>翻译后修饰</b>	The RING-type zinc finger domain is monoubiquitinated in the presence of UBE2T and UBE2W.
<b>细胞定位</b>	Cytoplasm. Nucleus.

## 图片



Anti-FANCL antibody (ab105020) at 1 µg/ml +  
Human Bone Marrow lysate (in RIPA buffer) at  
35 µg  
Developed using the ECL technique

**Predicted band size : 43 kDa**

**Please note:** All products are "FOR RESEARCH USE ONLY AND ARE NOT INTENDED FOR DIAGNOSTIC OR THERAPEUTIC USE"

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