


### Anti-XRCC1 antibody ab9147

★★★★★ [2 Abreviews](#) [15 References](#) [1 图像](#)

#### 概述

产品名称	Anti-XRCC1抗体
描述	兔多克隆抗体to XRCC1
宿主	Rabbit
特异性	This antibody recognises human XRCC1 (x-ray cross complementing factor -1), a base excision repair protein.
经测试应用	<b>适用于:</b> WB
种属反应性	<b>与反应:</b> Human <b>预测可用于:</b> Rat, Horse, Guinea pig, Hamster, Cow, Dog, Pig, Chimpanzee, Ferret, Rhesus monkey, Gorilla, Orangutan 
免疫原	Synthetic peptide (Human) conjugated to KLH - which represented a portion within the last 100 amino acids of the human X-ray Repair Cross Complementing Protein 1 (GenBank PID 11425942).
常规说明	<p>Recently XRCC-1 has been shown to be physically associated with other DNA repair enzymes, including PARP, DNA ligase III and DNA polymerase beta.</p> <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&amp;As</p>

#### 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	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	Antibodies were affinity purified using the peptide immobilized on solid support. Antibody

concentration was determined by extinction coefficient: absorbance at 280 nm of 1.4 equals 1.0 mg of IgG.

克隆 多克隆  
同种型 IgG

## 应用

**The Abpromise guarantee** Abpromise™ 承诺保证使用 ab9147 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)	1/1000 - 1/10000. Detects a band of approximately 90 kDa (predicted molecular weight: 70 kDa).

## 靶标

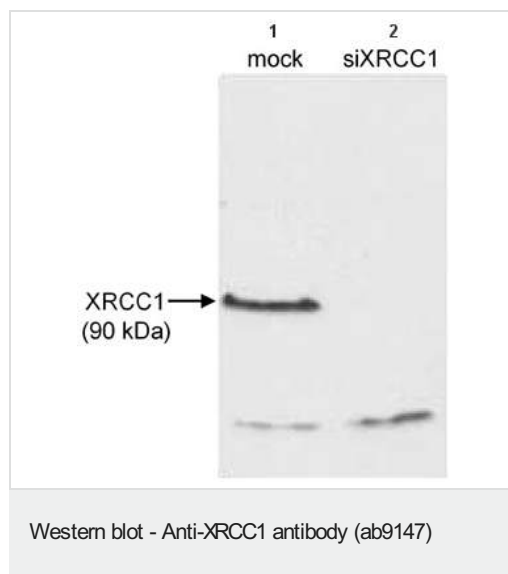
**功能** Corrects defective DNA strand-break repair and sister chromatid exchange following treatment with ionizing radiation and alkylating agents.

**序列相似性** Contains 2 BRCT domains.

**翻译后修饰** Phosphorylation of Ser-371 causes dimer dissociation. Phosphorylation by CK2 promotes interaction with APTX and APLF.  
Sumoylated.

**细胞定位** Nucleus. Accumulates at sites of DNA damage.

## 图片



**All lanes :** Anti-XRCC1 antibody (ab9147) at 1 µg/ml

**Lane 1 :** Whole cell extract (50mcg) from mock treated HeLa cells.

**Lane 2 :** Whole cell extract (50mcg) from siRNA treated HeLa cells.

**Predicted band size:** 70 kDa

**Observed band size:** 76,90 kDa

Detection: ECL.

**Please note:** All products are "FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC PROCEDURES"

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