


# Anti-PARP1 antibody [A6.4.12] ab110915

★★★★★ [1 Abreviews](#) [13 References](#) [3 图像](#)

### 概述

产品名称	Anti-PARP1抗体[A6.4.12]
描述	小鼠单克隆抗体[A6.4.12] to PARP1
宿主	Mouse
经测试应用	适用于: IHC-P
种属反应性	与反应: Human 预测可用于: Mouse, Rat, Hamster, Xenopus laevis, Drosophila melanogaster 
免疫原	Full length native protein (purified) corresponding to Human PARP1.
阳性对照	Human placenta, skin and spleen tissues.
常规说明	<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. Store at +4°C short term (1-2 weeks). Store at -20°C long term.
存储溶液	Preservative: 0.09% Sodium azide
纯度	Protein G purified
克隆	单克隆
克隆编号	A6.4.12
同种型	IgG1

### 应用

The Abpromise guarantee

**Abpromise™** 承诺保证使用ab110915于以下的经测试应用

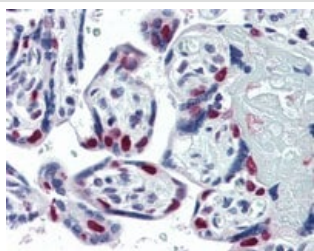
“应用说明”部分 下显示的仅为推荐的起始稀释度;实际最佳的稀释度/浓度应由使用者检定。

应用	Ab评论	说明
IHC-P		Use a concentration of 10 µg/ml. Perform heat mediated antigen retrieval with citrate buffer pH 6 before commencing with IHC staining protocol.

## 靶标

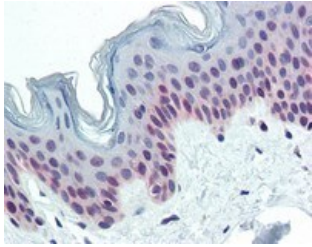
功能	Involved in the base excision repair (BER) pathway, by catalyzing the poly(ADP-ribosyl)ation of a limited number of acceptor proteins involved in chromatin architecture and in DNA metabolism. This modification follows DNA damages and appears as an obligatory step in a detection/signaling pathway leading to the reparation of DNA strand breaks. Mediates the poly(ADP-ribosyl)ation of APLF and CHFR. Positively regulates the transcription of MTUS1 and negatively regulates the transcription of MTUS2/TIP150.
序列相似性	Contains 1 BRCT domain. Contains 1 PARP alpha-helical domain. Contains 1 PARP catalytic domain. Contains 2 PARP-type zinc fingers.
翻译后修饰	Phosphorylated by PRKDC. Phosphorylated upon DNA damage, probably by ATM or ATR. Poly-ADP-ribosylated by PARP2. Poly-ADP-ribosylation mediates the recruitment of CHD1L to DNA damage sites. S-nitrosylated, leading to inhibit transcription regulation activity.
细胞定位	Nucleus.

## 图片



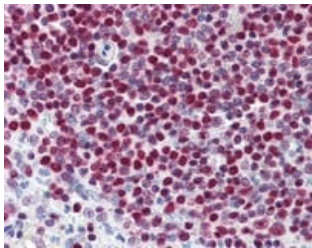
ab110915, at 10 µg/ml, staining PARP1 in formalin fixed, paraffin embedded Human placenta by Immunohistochemistry. Biotinylated anti mouse IgG secondary antibody, alkaline phosphatase streptavidin and chromogen was used to develop staining.

Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-PARP1 antibody  
[A6.4.12] (ab110915)



Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-PARP1 antibody  
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ab110915, at 10 µg/ml, staining PARP1 in formalin fixed, paraffin embedded Human skin by Immunohistochemistry. Biotinylated anti mouse IgG secondary antibody, alkaline phosphatase streptavidin and chromogen was used to develop staining.



Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-PARP1 antibody  
[A6.4.12] (ab110915)

ab110915, at 10 µg/ml, staining PARP1 in formalin fixed, paraffin embedded Human spleen by Immunohistochemistry. Biotinylated anti mouse IgG secondary antibody, alkaline phosphatase streptavidin and chromogen was used to develop staining.

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

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