

### Anti-RAP80 antibody [EPR5315] ab124763

**重组** RabMAb

★★★★★ **1 Abreviews** **6 References** **3 图像**

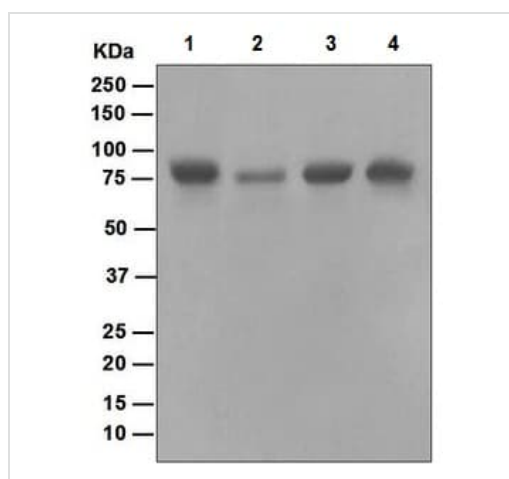
#### 概述

产品名称	Anti-RAP80抗体[EPR5315]
描述	兔单克隆抗体[EPR5315] to RAP80
宿主	Rabbit
经测试应用	<b>适用于:</b> WB, IHC-P <b>不适用于:</b> Flow Cyt or IP
种属反应性	<b>与反应:</b> Human <b>不与反应:</b> Mouse, Rat
免疫原	Synthetic peptide within Human RAP80 aa 1-100. The exact sequence is proprietary.
阳性对照	HeLa, Human ovary cancer, 293T and HT-1080 cell lysates; Human testis tissue.
常规说明	This product is a recombinant monoclonal antibody, which offers several advantages including: <ul style="list-style-type: none"> <li>- High batch-to-batch consistency and reproducibility</li> <li>- Improved sensitivity and specificity</li> <li>- Long-term security of supply</li> <li>- Animal-free production</li> </ul> For more information <a href="#">see here</a> . Our RabMAb <sup>®</sup> technology is a patented hybridoma-based technology for making rabbit monoclonal antibodies. For details on our patents, please refer to <a href="#">RabMAb<sup>®</sup> patents</a> .

#### 性能

形式	Liquid
存放说明	Shipped at 4°C. Store at -20°C. Stable for 12 months at -20°C.
存储溶液	pH: 7.20 Preservative: 0.05% Sodium azide Constituents: 0.1% BSA, 40% Glycerol (glycerin, glycerine), 9.85% Tris glycine, 50% Tissue culture supernatant
纯度	Protein A purified
克隆	单克隆
克隆编号	EPR5315

同种型	IgG	
应用		
<div>The Abpromise guarantee</div> <div><b>Abpromise™</b>承诺保证使用ab124763于以下的经测试应用</div> <div>“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。</div>		
应用	Ab评论	说明
WB	<div><div><div>★ ★ ★ ★ ★</div><div>(1)</div></div></div>	1/10000 - 1/50000. Detects a band of approximately 80 kDa (predicted molecular weight: 80 kDa).
IHC-P		1/250 - 1/500. Perform heat mediated antigen retrieval before commencing with IHC staining protocol. Heat up to 98 degrees C, below boiling, and then let cool for 10-20 min.
应用说明	Is unsuitable for Flow Cyt or IP.	
靶标		
功能	Ubiquitin-binding protein that specifically recognizes and binds 'Lys-63'-linked ubiquitin. Plays a central role in the BRCA1-A complex by specifically binding '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. Also weakly binds monoubiquitin but with much less affinity than 'Lys-63'-linked ubiquitin. May interact with monoubiquitinated histones H2A and H2B; the relevance of such results is however unclear in vivo. Does not bind Lys-48'-linked ubiquitin. May indirectly Act as a transcriptional repressor by inhibiting the interaction of NR6A1 with the corepressor NCOR1.	
组织特异性	Expressed in testis, ovary, thymus and heart. Expressed in germ cells of the testis.	
序列相似性	Belongs to the RAP80 family. Contains 2 UIM (ubiquitin-interacting motif) repeats.	
结构域	The UIM-linker region between the 2 UIM repeats determines the selectivity for 'Lys-63'-linked ubiquitin. The length of the linker is important. The linker reduces the flexibility between the UIM repeats and promotes high-affinity and linkage-selective interactions. The Abraxas-interacting region (AIR) mediates the interaction with FAM175A/Abraxas.	
翻译后修饰	Sumoylated. Phosphorylated upon DNA damage by ATM or ATR.	
细胞定位	Nucleus. Localizes at sites of DNA damage at double-strand breaks.	
图片		



Western blot - Anti-RAP80 antibody [EPR5315] (ab124763)

**All lanes :** Anti-RAP80 antibody [EPR5315] (ab124763) at 1/10000 dilution

**Lane 1 :** HeLa cell lysate

**Lane 2 :** Human ovary cancer lysate

**Lane 3 :** 293T cell lysate

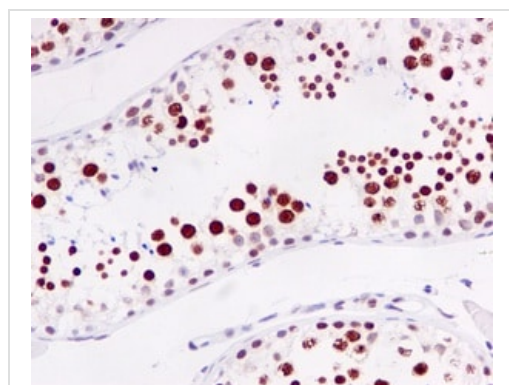
**Lane 4 :** HT-1080 cell lysate

Lysates/proteins at 10 µg per lane.

### Secondary

**All lanes :** Goat anti-Rabbit HRP at 1/2000 dilution

**Predicted band size:** 80 kDa



Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-RAP80 antibody [EPR5315] (ab124763)

ab124763, at 1/250, staining RAP80 in paraffin-embedded Human testis tissue by Immunohistochemistry.

Perform heat mediated antigen retrieval before commencing with IHC staining protocol.

### Why choose a recombinant antibody?



**Research with confidence**  
Consistent and reproducible results



**Long-term and scalable supply**  
Recombinant technology



**Success from the first experiment**  
Confirmed specificity



**Ethical standards compliant**  
Animal-free production

Anti-RAP80 antibody [EPR5315] (ab124763)

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

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