


Anti-RPA32/RPA2 (phospho S4 + S8) antibody ab87277

★★★★★ [5 Abreviews](#) [18 References](#) [3 图像](#)

概述

产品名称	Anti-RPA32/RPA2 (phospho S4 + S8)抗体
描述	兔多克隆抗体to RPA32/RPA2 (phospho S4 + S8)
宿主	Rabbit
经测试应用	适用于: IHC-P
种属反应性	与反应: Mouse, Human 预测可用于: Rhesus monkey, Gorilla, Orangutan, Bat 
免疫原	Synthetic peptide corresponding to Human RPA32/RPA2 (N terminal) (phospho S4 + S8).
阳性对照	IHC-P: Human ovarian cancer tissue, mouse renal cancer tissue, human breast carcinoma.
常规说明	Concentration is optimized for IHC and not determined 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. 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&As

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: 6.8 Preservative: 0.09% Sodium azide Constituents: 0.1% BSA, Tris buffered saline
纯度	Immunogen affinity purified
纯化说明	Affinity purified using the peptide immobilized on solid support.
克隆	多克隆
同种型	IgG

应用

The Abpromise guarantee **Abpromise™**承诺保证使用ab87277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		1/100 - 1/500. Epitope exposure with tris-EDTA pH9.0 buffer will enhance staining.

靶标

功能

Required for DNA recombination, repair and replication. The activity of RP-A is mediated by single-stranded DNA binding and protein interactions.

Functions as component of the alternative replication protein A complex (aRPA). aRPA binds single-stranded DNA and probably plays a role in DNA repair; it does not support chromosomal DNA replication and cell cycle progression through S-phase. In vitro, aRPA cannot promote efficient priming by DNA polymerase alpha but supports DNA polymerase delta synthesis in the presence of PCNA and replication factor C (RFC), the dual incision/excision reaction of nucleotide excision repair and RAD51-dependent strand exchange.

翻译后修饰

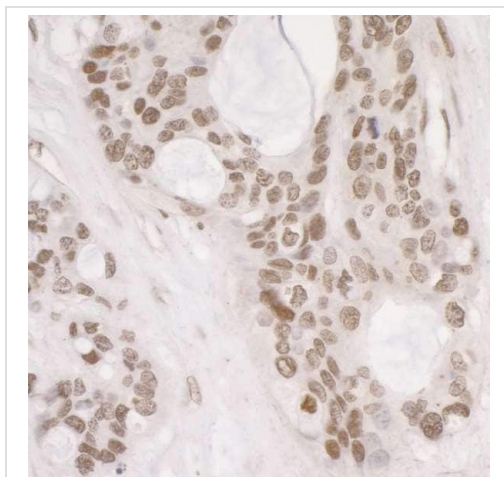
Phosphorylated in a cell-cycle-dependent manner (from the S phase until mitosis).

Phosphorylated by ATR upon DNA damage, which promotes its translocation to nuclear foci. Can be phosphorylated in vitro by PRKDC/DNA-PK in the presence of Ku and DNA, and by CDK1.

细胞定位

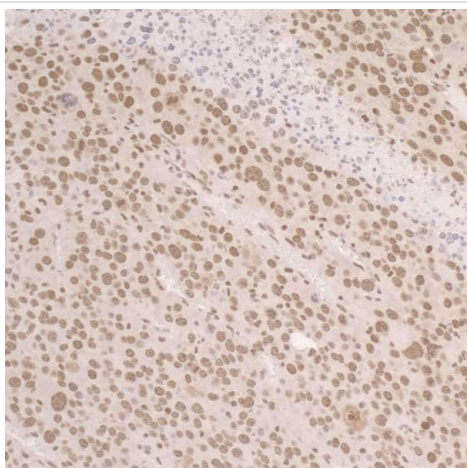
Nucleus. Nucleus > PML body. Also present in PML nuclear bodies. Redistributes to discrete nuclear foci upon DNA damage.

图片



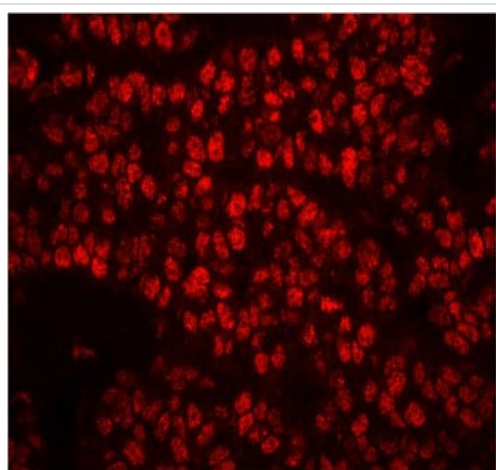
Immunohistochemical analysis of formalin-fixed, paraffin-embedded human ovarian cancer tissue, labeling RPA32 with ab87277 at a 1/250 dilution. Detection: DAB.

Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-RPA32/RPA2 (phospho S4 + S8) antibody (ab87277)



Immunohistochemical analysis of formalin-fixed, paraffin-embedded mouse renal cancer tissue, labeling RPA32 with ab87277 at a 1/250 dilution. Detection: DAB.

Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-RPA32/RPA2 (phospho S4 + S8) antibody (ab87277)



Immunohistochemistry analysis of Human breast carcinoma using ab87277 at 1/100 dilution. Detection: Red-fluorescent goat anti-rabbit IgG at 1/100 dilution.

Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-RPA32/RPA2 (phospho S4 + S8) antibody (ab87277)

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