


Anti-RPA32/RPA2 (phospho S33) antibody ab211877

[7 References](#) [画像数 1](#)

製品の概要

製品名	Anti-RPA32/RPA2 (phospho S33) antibody
製品の詳細	Rabbit polyclonal to RPA32/RPA2 (phospho S33)
由来種	Rabbit
アプリケーション	適用あり: WB
種交差性	交差種: Human 交差が予測される動物種: Mouse, Chimpanzee, Rhesus monkey, Gorilla, Orangutan 
免疫原	Synthetic peptide corresponding to Human RPA32/RPA2 (phospho S33). (NP_002937.1) Database link: P15927
ポジティブ・コントロール	HeLa whole cell lysate treated with 100 µM etoposide for 4 hours.
特記事項	<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&As</p>

製品の特性

製品の状態	Liquid
保存方法	Shipped at 4°C. Store at +4°C short term (1-2 weeks). Upon delivery aliquot. Store at -20°C long term. Avoid freeze / thaw cycle.
バッファー	pH: 7 Preservative: 0.09% Sodium azide Constituent: 99% Tris citrate/phosphate
精製度	pH: 7 to 8 Immunogen affinity purified
ポリ/モノ	ポリクローナル
アイソタイプ	IgG

アプリケーション

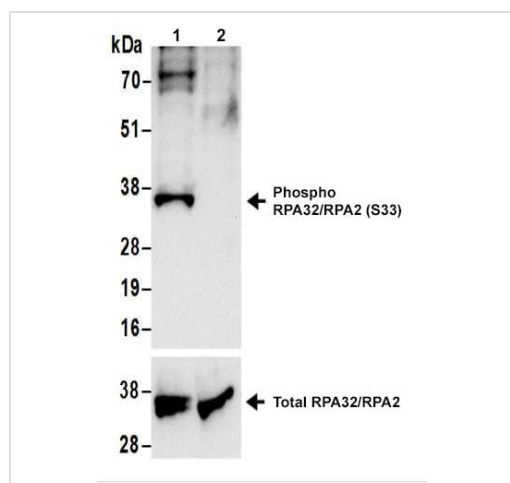
The Abpromise guarantee Abpromise保証は、次のテスト済みアプリケーションにおけるab211877の使用に適用されます
アプリケーションノートには、推奨の開始希釈率がありますが、適切な希釈率につきましてはご検討ください。

アプリケーション	Abreviews	特記事項
WB		1/1000 - 1/5000. Predicted molecular weight: 29 kDa. Numerous bands representing proteins that migrate more slowly than 60 to 70 kDa have been observed during WB. Under some conditions, at least two of these may be more intense than the band that represents phospho RPA32/RPA2 (S33).

ターゲット情報

機能	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.
翻訳後修飾	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.
細胞内局在	Nucleus. Nucleus > PML body. Also present in PML nuclear bodies. Redistributes to discrete nuclear foci upon DNA damage.

画像



Western blot - Anti-RPA32/RPA2 (phospho S33) antibody (ab211877)

All lanes : Anti-RPA32/RPA2 (phospho S33) antibody (ab211877) at 0.4 µg/ml

Lane 1 : HeLa whole cell lysate treated with 100 µM etoposide for 4 hours

Lane 2 : HeLa whole cell lysate mock treated

Lysates/proteins at 50 µg per lane.

Developed using the ECL technique.

Predicted band size: 29 kDa

Exposure time: 10 seconds

Lower panel shows Western Blotting for total RPA32/RPA2 using an affinity purified rabbit anti-RPA32/RPA2 antibody at 0.1 µg/ml with an exposure time of 10 seconds.

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