

Product datasheet

Anti-Chk1 (phospho S317) antibody ab59239

1 Abreviews 画像数 3

製品の概要

製品名	Anti-Chk1 (phospho S317) antibody
製品の詳細	Rabbit polyclonal to Chk1 (phospho S317)
由来種	Rabbit
アプリケーション	適用あり: IHC-P, WB, ICC/IF
種交差性	交差種: Human
免疫原	Synthetic peptide conjugated to KLH derived from within residues 300 - 400 of Human Chk1, phosphorylated at S317. Immunogen の所有権に関して (Peptide available as ab94392 .)
ポジティブ・コントロール	This antibody gave a positive signal in the following whole cell lysates: HeLa; Jurkat; Ramos. IHC-P: Human testis FFPE tissue sections.

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 or -80°C. Avoid freeze / thaw cycle.
バッファー	Preservative: 0.02% Sodium Azide Constituents: 1% BSA, PBS, pH 7.4
精製度	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

Our [Abpromise guarantee](#) covers the use of **ab59239** in the following tested applications.

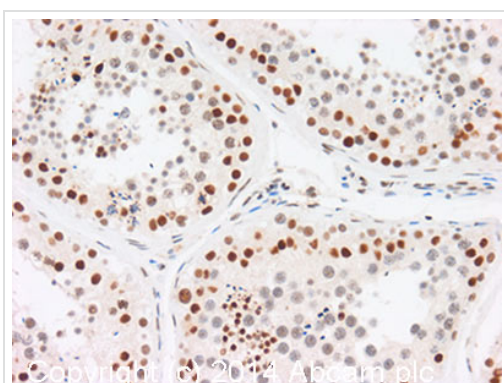
The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

アプリケーション	Abreviews	特記事項
IHC-P		Use a concentration of 1 µg/ml.

アプリケーション	Abreviews	特記事項
WB		Use a concentration of 1 µg/ml. Detects a band of approximately 58 kDa (predicted molecular weight: 54 kDa).
ICC/IF		Use a concentration of 5 µg/ml.

ターゲット情報

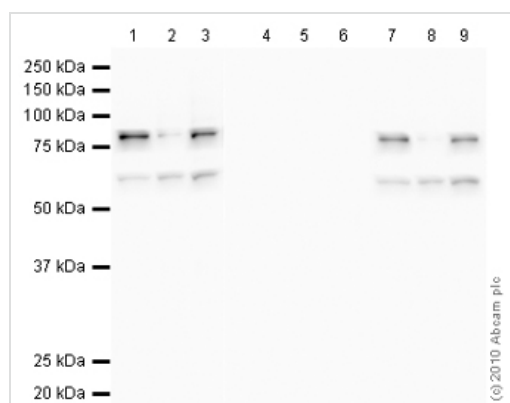
画像



Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-Chk1 (phospho S317) antibody (ab59239)

IHC image of Chk1 (phospho S317) staining in human testis formalin fixed paraffin embedded tissue section, performed on a Leica Bond system using the standard protocol F. The section was pre-treated using heat mediated antigen retrieval with sodium citrate buffer (pH6, epitope retrieval solution 1) for 20 mins. The section was then incubated with ab59239, 1 µg/ml, for 15 mins at room temperature and detected using an HRP conjugated compact polymer system. DAB was used as the chromogen. The section was then counterstained with haematoxylin and mounted with DPX.

For other IHC staining systems (automated and non-automated) customers should optimize variable parameters such as antigen retrieval conditions, primary antibody concentration and antibody incubation times.



All lanes : Anti-Chk1 (phospho S317) antibody (ab59239) at 1 µg/ml

Lane 1 : HeLa (Human epithelial carcinoma cell line) Whole Cell Lysate

Lane 2 : Jurkat (Human T cell lymphoblast-like cell line) Whole Cell Lysate

Lane 3 : Ramos (Human Burkitt's lymphoma cell line) Whole Cell Lysate

15 kDa =

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Western blot - Anti-Chk1 (phospho S317) antibody
(ab59239)

Lane 4 : HeLa (Human epithelial carcinoma cell line) Whole Cell Lysate with Chk1

(phospho S317) peptide ([ab94392](#)) at 1 µg/ml

Lane 5 : Jurkat (Human T cell lymphoblast-like cell line) Whole Cell Lysate with Chk1

(phospho S317) peptide ([ab94392](#)) at 1 µg/ml

Lane 6 : Ramos (Human Burkitt's lymphoma cell line) Whole Cell Lysate with Chk1

(phospho S317) peptide ([ab94392](#)) at 1 µg/ml

Lane 7 : HeLa (Human epithelial carcinoma cell line) Whole Cell Lysate with Chk1 peptide ([ab116584](#)) at 1 µg/ml

Lane 8 : Jurkat (Human T cell lymphoblast-like cell line) Whole Cell Lysate with Chk1 peptide ([ab116584](#)) at 1 µg/ml

Lane 9 : Ramos (Human Burkitt's lymphoma cell line) Whole Cell Lysate with Chk1 peptide ([ab116584](#)) at 1 µg/ml

Lysates/proteins at 10 µg per lane.

Secondary

All lanes : Goat polyclonal to Rabbit IgG - H&L - Pre-Adsorbed (HRP) at 1/3000 dilution

Developed using the ECL technique.

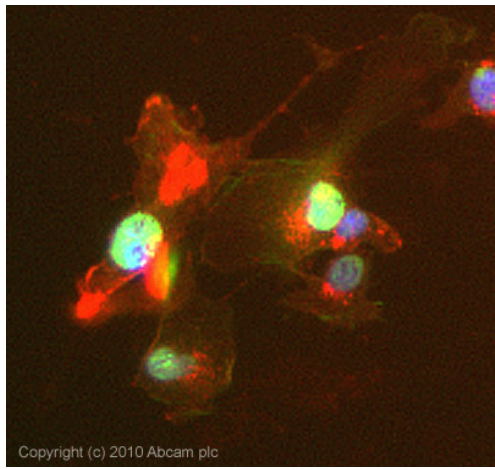
Performed under reducing conditions.

Predicted band size: 54 kDa

Observed band size: 58 kDa

Additional bands at: 75 kDa (possible post-translational modification)

Exposure time: 20 minutes



Immunocytochemistry/ Immunofluorescence - Anti-Chk1 (phospho S317) antibody (ab59239)

ICC/IF image of ab59239 stained HepG2 cells. The cells were 4% PFA fixed (10 min) and then incubated in 1%BSA / 10% normal Goat serum / 0.3M glycine in 0.1% PBS-Tween for 1h to permeabilise the cells and block non-specific protein-protein interactions. The cells were then incubated with the antibody (ab59239, 5µg/ml) overnight at +4°C. The secondary antibody (green) was Alexa Fluor® 488 Goat anti-Rabbit IgG (H+L) used at a 1/1000 dilution for 1h. Alexa Fluor® 594 WGA was used to label plasma membranes (red) at a 1/200 dilution for 1h. DAPI was used to stain the cell nuclei (blue) at a concentration of 1.43µM. This antibody also gave a positive result in 4% PFA fixed (10 min) HeLa, Hek293, MCF-7 cells at 5µg/ml.

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