

Product datasheet

Anti-Cdc20 antibody ab86104

2 References 画像数 3

製品の概要

製品名	Anti-Cdc20 antibody
製品の詳細	Rabbit polyclonal to Cdc20
由来種	Rabbit
アプリケーション	適用あり: IHC-P
種交差性	交差種: Mouse, Human 交差が予測される動物種: Horse, Guinea pig, Dog, Pig, Chimpanzee, Rhesus monkey, Gorilla, Chinese hamster, Orangutan 
免疫原	Synthetic peptide corresponding to a region between residues 50 and 100 of Human Cdc20 (NP_001246.2).
ポジティブ・コントロール	Human Anaplastic Thyroid Carcinoma, Breast Carcinoma, Colon Carcinoma and Prostate Carcinoma tissues. Mouse teratoma tissue.

製品の特性

製品の状態	Liquid
保存方法	Shipped at 4°C. Upon delivery aliquot and store at -20°C. Avoid freeze / thaw cycles.
バッファー	Preservative: 0.09% Sodium Azide Constituents: 0.1% BSA, Tris buffered saline
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 **ab86104** 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		

追加情報

IHC-P: 1/100 - 1/500. Epitope exposure is recommended. Epitope exposure with citrate buffer will enhance staining.

Not yet tested in other applications.

Optimal dilutions/concentrations should be determined by the end user.

ターゲット情報

機能

Required for full ubiquitin ligase activity of the anaphase promoting complex/cyclosome (APC/C) and may confer substrate specificity upon the complex. Is regulated by MAD2L1. In metaphase the MAD2L1-CDC20-APC/C ternary complex is inactive and in anaphase the CDC20-APC/C binary complex is active in degrading substrates.

パスウェイ

Protein modification; protein ubiquitination.

配列類似性

Belongs to the WD repeat CDC20/Fizzy family.

Contains 7 WD repeats.

発生段階

Synthesis is initiated at G1/S, protein level peaks in M phase and protein is abruptly degraded at M/G1 transition.

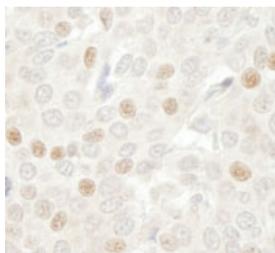
翻訳後修飾

Phosphorylated during mitosis, probably by maturation promoting factor (MPF). Phosphorylated by BUB1 at Ser-41; Ser-72; Ser-92; Ser-153; Thr-157 and Ser-161.

Ubiquitinated and degraded by the proteasome during spindle assembly checkpoint.

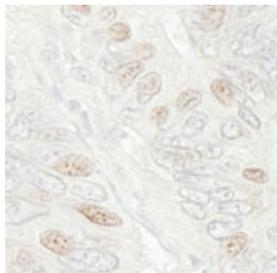
Deubiquitinated by USP44, leading to stabilize the MAD2L1-CDC20-APC/C ternary complex, thereby preventing premature activation of the APC/C.

画像



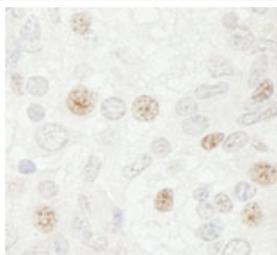
ab86104, at 1/250 dilution, staining Cdc20 in formalin-fixed, paraffin-embedded human breast carcinoma tissue by Immunohistochemistry using DAB staining.

Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-Cdc20 antibody (ab86104)



ab86104, at 1/250 dilution, staining Cdc20 in formalin-fixed, paraffin-embedded human colon carcinoma tissue by Immunohistochemistry using DAB staining.

Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-Cdc20 antibody (ab86104)



ab86104, at 1/250 dilution, staining Cdc20 in formalin-fixed, paraffin-embedded mouse teratoma tissue by Immunohistochemistry using DAB staining.

Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-Cdc20 antibody (ab86104)

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