

CDC20 (Phospho Ser51) Rabbit pAb

CatalogNo: YP1294

Key Features

Host Species

- Rabbit

Reactivity

- Human, Mouse

Applications

- WB

MW

- 50kD (Observed)

Isotype

- IgG

Storage

Storage* -15°C to -25°C/1 year (Do not lower than -25°C)

Formulation Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.

Recommended Dilution Ratios

WB 1:1000-2000

Basic Information

Clonality Polyclonal

Immunogen Information

Immunogen Synthesized phospho peptide around human CDC20 (Ser51)

Specificity This antibody detects endogenous levels of Human Mouse CDC20 (phospho-Ser51)

Target Information

Gene name CDC20

Protein Name CDC20 (Ser51)

Organism	Gene ID	UniProt ID
Human	991 ;	Q12834 ;
Mouse	107995 ;	Q9JJ66 ;
Rat	64515 ;	Q62623 ;

Cellular Localization Cytoplasm, cytoskeleton, microtubule organizing center, centrosome . Cytoplasm, cytoskeleton, spindle pole .

Tissue specificity Colon,Colon adenocarcinoma,Liver,Lymph,Muscle,Ovary,Skin,Spleen,Testis,

Function developmental stage:Synthesis is initiated at G1/S, protein level peaks in M phase and protein is abruptly degraded at M/G1 transition.,Function: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.,pathway:Protein modification; protein ubiquitination.,PTM:Phosphorylated during mitosis, probably by maturation promoting factor (MPF).,PTM:Ubiquitinated and degraded by the proteasome during spindle assembly checkpoint.,similarity:Belongs to the WD repeat CDC20/Fizzy family.,similarity:Contains 7 WD repeats.,subunit:Found in a complex with CDC20, CDC27, SPATC1 and TUBG1. Interacts with SPATC1 (By similarity). Interacts with MAD2L1 and BUB1B. The phosphorylated form interacts with APC/C.,

Validation Data

Contact information

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Please scan the QR code to access additional product information:
CDC20 (Phospho Ser51) Rabbit pAb

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