

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

Orders: order.cn@immunoway.com
Support: support.cn@immunoway.com
Telephone: 400-8787-807(China)
Website: <http://www.immunoway.com.cn>
Address: 2200 Ringwood Ave San Jose, CA 95131 USA



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

For Research Use Only. Not for Use in Diagnostic Procedures.

[Antibody](#) | [ELISA Kits](#) | [Protein](#) | [Reagents](#)