# CDC20B Antibody

Catalog No: #46442

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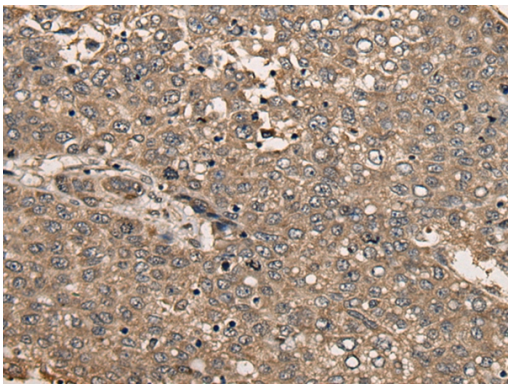
## Description

| | |
|---|---|
| Product Name | CDC20B Antibody |
| Host Species | Rabbit |
| Clonality | Polyclonal |
| Purification | Antigen affinity purification |
| Applications | IHC |
| Species Reactivity | Hu |
| Specificity | The antibody detects endogenous levels of total CDC20B protein. |
| Immunogen Type | peptide |
| Immunogen Description | Synthetic peptide corresponding to internal residues of human CDC20B |
| Target Name | CDC20B |
| Other Names | G6VTS76519 |
| Accession No. | Swiss-Prot:Q86Y33 NCBI Gene ID:166979NCBI Protein:NP_001163873 |
| Uniprot | Q86Y33 |
| GeneID | 166979; |
| Concentration | 1.1mg/ml |
| Formulation | Rabbit IgG in pH7.4 PBS, 0.05% NaN3, 40% Glycerol. |
| Storage | Store at -20°C |

## Application Details

Immunohistochemistry: 1: 30-150

## Images



The image on the left is immunohistochemistry of paraffin-embedded Human liver cancer tissue using 46442(CDC20B Antibody) at dilution 1/30, on the right is treated with synthetic peptide. (Original magnification: x200)

## Background

WD-repeats are motifs that are found in a variety of proteins and are characterized by a conserved core of 40-60 amino acids that commonly form a tertiary propeller structure. While proteins that contain WD-repeats participate in a wide range of cellular functions, they are generally involved in regulatory mechanisms concerning chromatin assembly, cell cycle control, signal transduction, RNA processing, apoptosis and vesicular trafficking. Cdc20B (cell division cycle 20 homolog B) is a 519 amino acid protein that contains seven WD repeats and is thought to play a role in cell cycle

control. Multiple isoforms of Cdc20B exist due to alternative splicing events. The gene encoding Cdc20B maps to human chromosome 5, which contains 181 million base pairs and comprises nearly 6% of the human genome. Deletion of the p arm of chromosome 5 leads to Cri du chat syndrome, while deletion of the q arm or of chromosome 5 altogether is common in therapy-related acute myelogenous leukemias and myelodysplastic syndrome.

Note: This product is for in vitro research use only