

CDC20 Antibody
Rabbit Polyclonal Antibody
Catalog # ALS17239**Specification**

CDC20 Antibody - Product Information

Application	IHC-P, IF, WB
Primary Accession	Q12834
Other Accession	991
Reactivity	Human, Mouse, Rat
Host	Rabbit
Clonality	Polyclonal
Isotype	IgG
Calculated MW	54723

CDC20 Antibody - Additional Information**Gene ID** 991**Other Names**

CDC20, BA276H19.3, CDC20A, p55CDC

Target/Specificity

Human CDC20

Reconstitution & Storage

PBS, pH 7.3, 0.02% sodium azide, 50% glycerol. Long term: -80°C; Short term: -20°C. Avoid freeze-thaw cycles.

Precautions

CDC20 Antibody is for research use only and not for use in diagnostic or therapeutic procedures.

CDC20 Antibody - Protein Information**Name** CDC20**Function**

Involved in the metaphase/anaphase transition of cell cycle (PubMed:32666501). 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. The CDC20-APC/C complex positively regulates the formation of synaptic vesicle clustering at active zone to the presynaptic membrane in postmitotic neurons. CDC20-APC/C-induced degradation of NEUROD2 induces presynaptic differentiation. The CDC20-APC/C complex promotes proper dilation formation and radial migration by degrading CCDC41 (By similarity).

Cellular Location

Cytoplasm, cytoskeleton, microtubule organizing center, centrosome. Chromosome, centromere, kinetochore. Cytoplasm, cytoskeleton, spindle pole

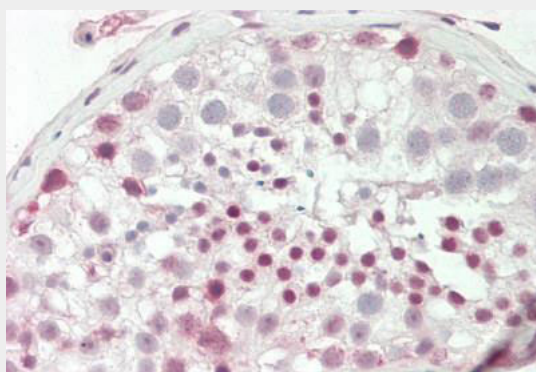
Volume

50 μ l

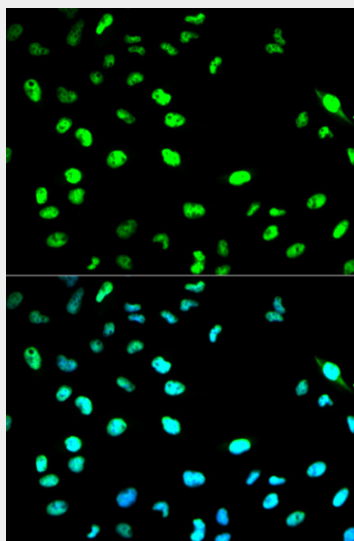
CDC20 Antibody - Protocols

Provided below are standard protocols that you may find useful for product applications.

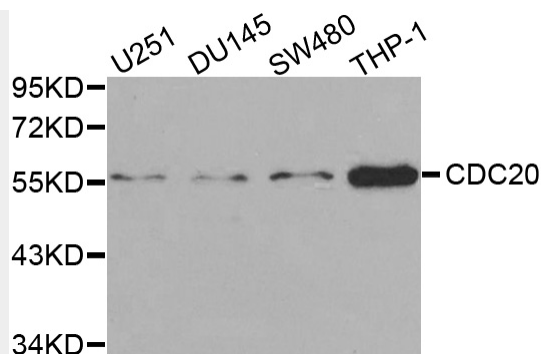
- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

CDC20 Antibody - Images

Human Testis: Formalin-Fixed, Paraffin-Embedded (FFPE)



Immunofluorescence analysis of HeLa cell using CDC20 antibody. Blue: DAPI for nuclear staining.



Western blot analysis of extracts of various cell lines, using CDC20 antibody.

CDC20 Antibody - Background

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CDC20 Antibody - References

Weinstein J., et al. Mol. Cell. Biol. 14:3350-3363(1994).
Kramer E.R., et al. Curr. Biol. 8:1207-1210(1998).
Ota T., et al. Nat. Genet. 36:40-45(2004).
Kalnine N., et al. Submitted (MAY-2003) to the EMBL/GenBank/DDBJ databases.
Gregory S.G., et al. Nature 441:315-321(2006).