

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

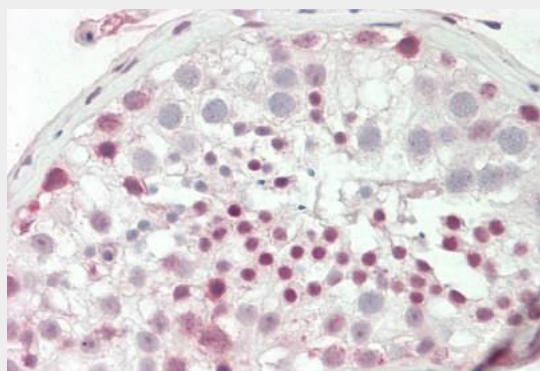
Volume

50 µl

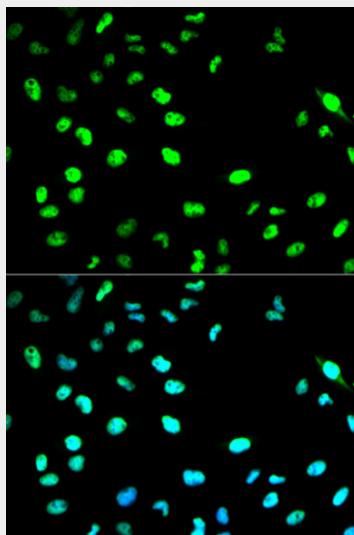
CDC20 Antibody - Protocols

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

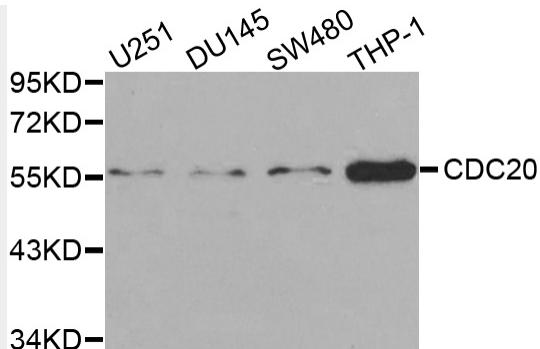
- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

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).