



Cdc20 Polyclonal Antibody

Catalog No	BYab-16676
Isotype	IgG
Reactivity	Human;Mouse;Rat
Applications	WB;IHC;IF;ELISA
Gene Name	CDC20
Protein Name	Cell division cycle protein 20 homolog
Immunogen	The antiserum was produced against synthesized peptide derived from human p55CDC. AA range:81-130
Specificity	Cdc20 Polyclonal Antibody detects endogenous levels of Cdc20 protein.
Formulation	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
Source	Polyclonal, Rabbit,IgG
Purification	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
Dilution	WB: 1/500 - 1/2000. IHC: 1/100 - 1/300. ELISA: 1/20000.. IF 1:50-200
Concentration	1 mg/ml
Purity	≥90%
Storage Stability	-20°C/1 year
Synonyms	CDC20; Cell division cycle protein 20 homolog; p55CDC
Observed Band	50kD
Cell Pathway	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

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complex with CDC20, CDC27, SPATC1 and TUBG1. Interacts with SPATC1 (By similarity). Interacts with MAD2L

Background

CDC20 appears to act as a regulatory protein interacting with several other proteins at multiple points in the cell cycle. It is required for two microtubule-dependent processes, nuclear movement prior to anaphase and chromosome separation. [provided by RefSeq, Jul 2008],

matters needing attention

Avoid repeated freezing and thawing!

Usage suggestions

This product can be used in immunological reaction related experiments. For more information, please consult technical personnel.

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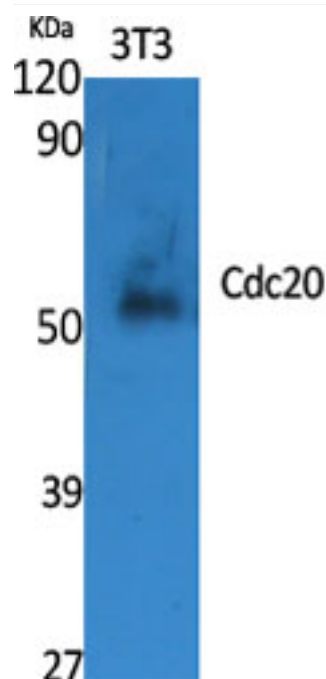
网址: www.njbybio.com

官方热线: 025-5229-8998

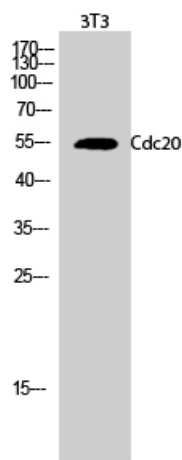
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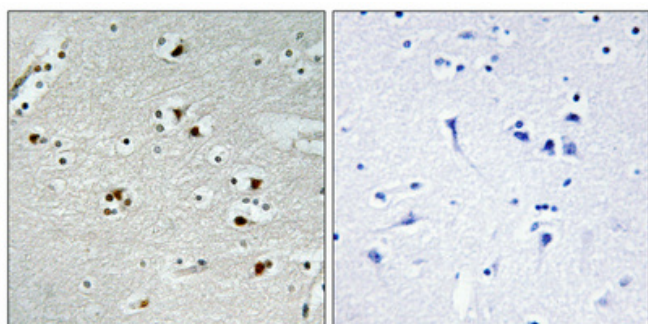
Products Images



Western Blot analysis of various cells using Cdc20 Polyclonal Antibody diluted at 1:2000



Western Blot analysis of 3T3 cells using Cdc20 Polyclonal Antibody diluted at 1:2000



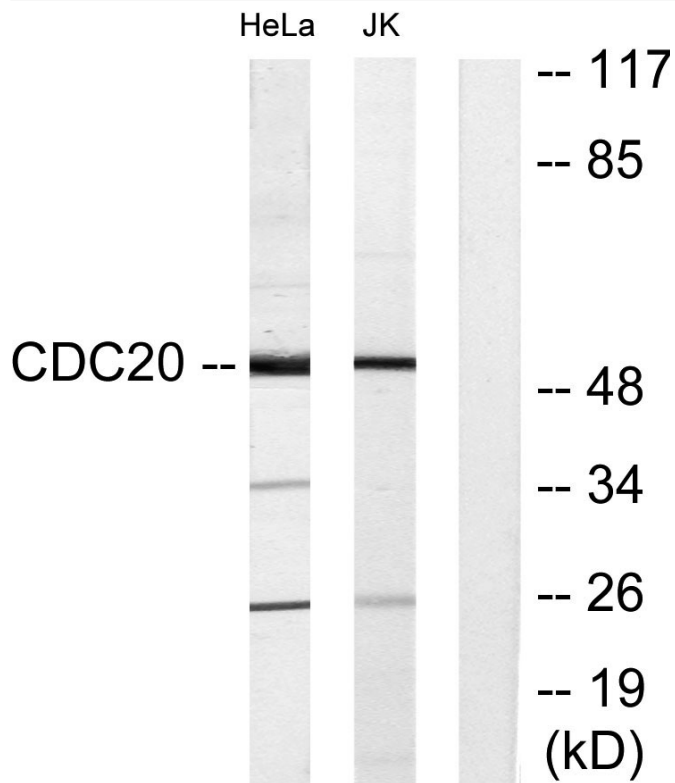
Immunohistochemical analysis of paraffin-embedded Human brain. Antibody was diluted at 1:100(4° overnight). High-pressure and temperature Tris-EDTA,pH8.0 was used for antigen retrieval. Negative contrl (right) obtained from antibody was pre-absorbed by immunogen peptide.

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Western blot analysis of lysates from Jurkat and HeLa cells, using p55CDC Antibody. The lane on the right is blocked with the synthesized peptide.