

Rabbit anti-Human, Mouse CDC20 Polyclonal Antibody | anti-CDC20 antibody

Rabbit anti-CDC20 Antibody, Affinity Purified

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA211346	Rabbit	Human, Mouse	Immunohistochemistry, Immunoprecipitation, Western Blot

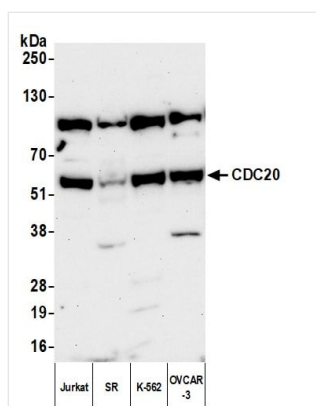
PRODUCT SYNONYMS

CDC20; Polyclonal Antibody; Rabbit anti-CDC20 Antibody; Affinity Purified; CDC20A; p55CDC; cell division cycle 20 homolog; bA276H19.3; cell division cycle protein 20 homolog; CDC20 cell division cycle 20 homolog; Cell division cycle protein 20 homolog; cell division cycle 20; anti-CDC20 antibody

PRODUCT SPECIFICATIONS

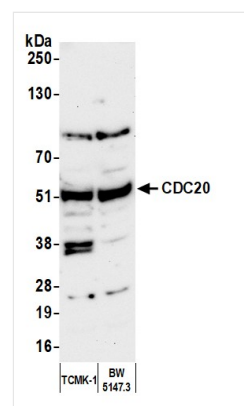
Host	Rabbit
Reactivity	Human, Mouse
Clonality	Polyclonal
Purity/Purification	Antigen Affinity Purified
Form/Format	Liquid. Whole IgG. Tris-citrate/phosphate buffer, pH 7 to 8 containing 0.09% Sodium Azide
Concentration	1000ug/ml (varies by lot)
Applicable Applications for anti-CDC20 antibody	IHC (Immunohistochemistry), IP (Immunoprecipitation), WB (Western Blot)
Predicted Reactivity	Pig
Immunogen	Between 449 and C-terminus
Conjugation	Unconjugated
Preparation and Storage	Store at 2-8 degree C Shelf Life: 1 year from date of receipt

IMAGES



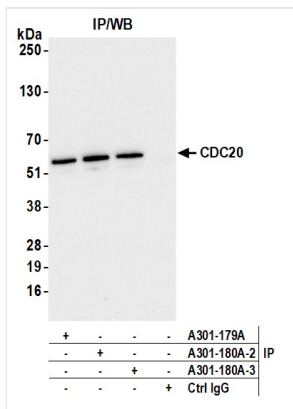
WB (Western Blot)

Detection of human CDC20 by western blot. Samples: Whole cell lysate (50 ug) from Jurkat, SR, K-562, and OVCAR-3 cells prepared using NETN lysis buffer. Antibody: Affinity purified rabbit anti-CDC20 antibody (AAA211346 lot 3) used for WB at 0.2 ug/ml. Detection: Chemiluminescence with an exposure time of 3 minutes.



WB (Western Blot)

Detection of mouse CDC20 by western blot. Samples: Whole cell lysate (50 ug) from TCMK-1 and BW5147.3 cells prepared using NETN lysis buffer. Antibody: Affinity purified rabbit anti-CDC20 antibody (AAA211346 lot 3) used for WB at 0.2 ug/ml. Detection: Chemiluminescence with an exposure time of 3 minutes.



IP (Immunoprecipitation)

Detection of human CDC20 by western blot of immunoprecipitates. Samples: Whole cell lysate (1 mg per IP; 10% of IP loaded) from K-562 cells prepared using NETN lysis buffer. Antibody: Affinity purified rabbit anti-CDC20 antibody (AAA211346 lot 3) used for IP at 6 ug per reaction. CDC20 was also immunoprecipitated by a previous lot of this antibody (AAA211346 lot 2) and a second antibody against a different epitope of CDC20. For blotting immunoprecipitated CDC20, AAA211346 was used at 0.2 ug/ml. Detection: Chemiluminescence with an exposure time of 30 seconds.

ADDITIONAL INFORMATION

Related Product Information for anti-CDC20 antibody	CDC20 is a WD repeat containing cell cycle-regulator that binds to and activates the ubiquitin-ligase activity of the APC/c (anaphase-promoting complex/cyclosome). APC/c ubiquitinating activity is responsible for the degradation of securin and cyclin B that prompts the onset of anaphase and exit from mitosis. CDC20 has also been reported to form a complex with histone deacetylases and can function as a transcriptional repressor involved in cell cycle arrest. As a regulator of APC/c activity, CDC20 plays a key role in the spindle-assembly checkpoint.
Product Categories/Family for anti-CDC20 antibody	Primary Antibodies

NCBI AND UNIPROT INFORMATION

NCBI GI #	118402582
NCBI GeneID	991
NCBI Accession #	NP_001246.2
NCBI GenBank Nucleotide #	NM_001255.2
UniProt Accession #	Q12834 ; Q5JUY4 ; Q9BW56 ; Q9UQI9 ; B2R6Z6 ; D3DPJ1
Molecular Weight	54,723 Da
NCBI Official Full Name	cell division cycle protein 20 homolog
NCBI Official Synonym Full Names	cell division cycle 20
NCBI Official Symbol	CDC20
NCBI Official Synonym Symbols	CDC20A; p55CDC; bA276H19.3
NCBI Protein Information	cell division cycle protein 20 homolog; cell division cycle 20 homolog; CDC20 cell division cycle 20 homolog
UniProt Protein Name	Cell division cycle protein 20 homolog
UniProt Gene Name	CDC20
UniProt Entry Name	CDC20_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

