

Rabbit anti-Human CDC2L5 Polyclonal Antibody | anti-CDC2L5 antibody

Rabbit anti-CDC2L5 Antibody, Affinity Purified

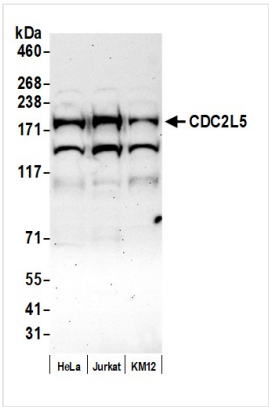
CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA211483	Rabbit	Human	Immunoprecipitation, Western Blot

PRODUCT SYNONYMS

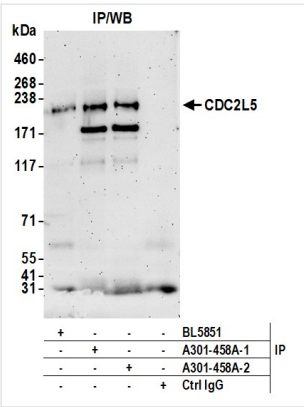
CDC2L5; Polyclonal Antibody; Rabbit anti-CDC2L5 Antibody; Affinity Purified; cyclin-dependent kinase 13; hCDK13; cholinesterase-related cell division controller; CHED; CHDFIDD; cell division cycle 2-like protein kinase 5; CDC2-related protein kinase 5; CDC2L; cell division protein kinase 13; Cyclin-dependent kinase 13; cyclin dependent kinase 13; anti-CDC2L5 antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Purity/Purification	Antigen Affinity Purified
Form/Format	Liquid. Whole IgG. Tris-buffered Saline containing 0.1% BSA and 0.09% Sodium Azide
Concentration	200ug/ml (varies by lot)
Applicable Applications for anti-CDC2L5 antibody	IP (Immunoprecipitation), WB (Western Blot)
Predicted Reactivity	Mouse, Bovine
Immunogen	Between 1125 and 1175
Conjugation	Unconjugated
Preparation and Storage	Store at 2-8 degree C Shelf Life: 1 year from date of receipt



WB (Western Blot)
Detection of human CDC2L5 by western blot. Samples: Whole cell lysate (50 ug) from HeLa, Jurkat, and KM12 cells prepared using NETN lysis buffer. Antibody: Affinity purified rabbit anti-CDC2L5 antibody (AAA211483-2) used for WB at 0.1 ug/ml. Detection: Chemiluminescence with an exposure time of 75 seconds.



IP (Immunoprecipitation)
Detection of human CDC2L5 by western blot of immunoprecipitates. Samples: Whole cell lysate (1.0 mg per IP reaction; 20% of IP loaded) from HeLa cells prepared using NETN lysis buffer. Antibodies: Affinity purified rabbit anti-CDC2L5 antibody (AAA211483 lot 2) used for IP at 6 ug per reaction. CDC2L5 was also immunoprecipitated by a previous lot of this antibody (AAA211483 lot 1) and a second antibody against a different epitope of CDC2L5 (BL5851). For blotting immunoprecipitated CDC2L5, AAA211483 was used at 0.04 ug/ml. Detection: Chemiluminescence with an exposure time of 3 minutes.

ADDITIONAL INFORMATION

Related Product Information for anti-CDC2L5 antibody	CDC2-like kinase 5 (CDC2L5) is a member of the cyclin-dependent serine/threonine protein kinase family that plays a central role in cell cycle control. The CDC2L5 cDNA was first identified as CHED (cholinesterase-related cell-division controller) and cloned serendipitously in a screen using a cholinesterase-specific oligonucleotide probe in search of a link between cholinergic signaling and hematopoietic cell division control. Recently, the understanding of the physiological function of CDC2L5 has become clearer. Due to its localization to speckles in the nucleoplasm and its interaction with the splicing protein, ASF/SF2-associated protein p32, it was suggested to play a role in mRNA processing. Further studies showed that overexpression of CDC2L5 altered mRNA splicing patterns, and that CDC2L5 associated with L-type cyclins known to be involved in alternative splicing. These results have led to the conclusion that CDC2L5 is part of a subfamily of cyclin dependent kinases that play a role in the regulation of alternative splicing.
Product Categories/Family for anti-CDC2L5 antibody	Primary Antibodies

NCBI AND UNIPROT INFORMATION

NCBI GI #	145309302
NCBI GeneID	8621
NCBI Accession #	NP_003709.3
NCBI GenBank Nucleotide #	NM_003718.4
UniProt Accession #	Q14004; Q53G78; Q6DKQ9; Q75MH4; Q75MH5; Q96JN4; Q9H4A0; Q9H4A1; Q9UDR4
Molecular Weight	164,923 Da
NCBI Official Full Name	cyclin-dependent kinase 13 isoform 1
NCBI Official Synonym Full Names	cyclin-dependent kinase 13
NCBI Official Symbol	CDK13
NCBI Official Synonym Symbols	CHED; CDC2L; CDC2L5; hCDK13
NCBI Protein Information	cyclin-dependent kinase 13; CDC2-related protein kinase 5; cell division protein kinase 13; cell division cycle 2-like protein kinase 5; cholinesterase-related cell division controller

UniProt Protein Name	Cyclin-dependent kinase 13
UniProt Gene Name	CDK13
UniProt Synonym Gene Names	CDC2L; CDC2L5; CHED; KIAA1791; hCDK13
UniProt Entry Name	CDK13_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.

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Online datasheet: <https://www.aaabiotech.com/polyclonal/cdc2l5-antibody-immunoprecipitation-western-blot-elisa/211483>