

## CDC5L recombinant antibody

CDC5L Antibody

| CATALOG # | HOST   | REACTIVITY | APPLICATIONS                                                                       |
|-----------|--------|------------|------------------------------------------------------------------------------------|
| AAA235608 | Rabbit | Human      | Immunoprecipitation, Immunofluorescence, Immunohistochemistry, Western Blot, ELISA |

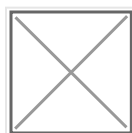
### PRODUCT SYNONYMS

CDC5L; Monoclonal Recombinant Antibody; CDC5L Antibody; Cell division cycle 5-like protein; Cdc5-like protein; Pombe cdc5-related protein; KIAA0432; PCDC5RP; CDC5L recombinant antibody

### PRODUCT SPECIFICATIONS

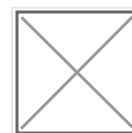
|                                                        |                                                                                                         |
|--------------------------------------------------------|---------------------------------------------------------------------------------------------------------|
| Host                                                   | Rabbit                                                                                                  |
| Reactivity                                             | Human                                                                                                   |
| Clonality                                              | Monoclonal                                                                                              |
| Isotype                                                | IgG                                                                                                     |
| Purity/Purification                                    | Affinity-Chromatography                                                                                 |
| Form/Format                                            | Liquid; In phosphate buffered saline, pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.          |
| Sequence Length                                        | 802                                                                                                     |
| Applicable Applications for CDC5L recombinant antibody | IP (Immunoprecipitation), IF (Immunofluorescence), IHC (Immunohistochemistry), WB (Western Blot), ELISA |
| Immunogen Species                                      | Human                                                                                                   |
| Immunogen                                              | A synthesized peptide derived from human CDC5L                                                          |
| Conjugate                                              | Non-Conjugated                                                                                          |
| Preparation and Storage                                | Upon receipt, store at -20 degree C or -80 degree C. Avoid repeated freeze.                             |

### IMAGES



#### IP (Immunoprecipitation)

Immunoprecipitating CDC5L in HeLa whole cell lysate. Lane 1: Rabbit control IgG instead of CSB-RA858712A0HU in HeLa whole cell lysate. For western blotting, a HRP-conjugated Protein G antibody was used as the secondary antibody (1/2000). Lane 2: CSB-RA858712A0HU (3ug) + HeLa whole cell lysate (500ug). Lane 3: HeLa whole cell lysate (20ug)



#### IF (Immunofluorescence)

Immunofluorescence staining of A549 cells with CSB-RA858712A0HU at 1:42, counter-stained with DAPI. The cells were fixed in 4% formaldehyde, permeabilized using 0.2% Triton X-100 and blocked in 10% normal Goat Serum. The cells were then incubated with the antibody overnight at 4 degree C. The secondary antibody was Alexa Fluor 488-conjugated AffiniPure Goat Anti-Rabbit IgG (H+L).



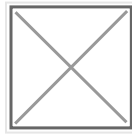
#### IHC (Immunohistochemisry)

IHC image of CSB-RA858712A0HU diluted at 1:126.5 and staining in paraffin-embedded human pancreatic tissue performed on a Leica Bond<sup>TM</sup> system. After dewaxing and hydration, antigen retrieval was mediated by high pressure in a citrate buffer (pH 6.0). Section was blocked with 10% normal goat serum 30min at RT. Then primary antibody (1% BSA) was incubated at 4 degree C overnight. The primary is detected by a biotinylated secondary antibody and visualized using an HRP conjugated SP system.



#### IHC (Immunohiostchemistry)

IHC image of CSB-RA858712A0HU diluted at 1:126.5 and staining in paraffin-embedded human appendix tissue performed on a Leica Bond<sup>TM</sup> system. After dewaxing and hydration, antigen retrieval was mediated by high pressure in a citrate buffer (pH 6.0). Section was blocked with 10% normal goat serum 30min at RT. Then primary antibody (1% BSA) was incubated at 4 degree C overnight. The primary is detected by a biotinylated secondary antibody and visualized using an HRP conjugated SP system.



#### WB (Western Blot)

Western BlotPositive WB detected in: Hela whole cell lysate, MCF-7 whole cell lysate, HepG2 whole cell lysate, 293 whole cell lysate, K562 whole cell lysate, Jurkat whole cell lysateAll lanes: CDC5L antibody at 1.3ug/mlSecondaryGoat polyclonal to rabbit IgG at 1/50000 dilutionPredicted band size: 93 KDaObserved band size: 100 KDa

## ADDITIONAL INFORMATION

|                                                                   |                                                                                                                                                                                                                                                                                                                   |
|-------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Related Product Information for CDC5L recombinant antibody</b> | DNA-binding protein involved in cell cycle control. May act as a transcription activator. Component of the PRP19-CDC5L complex that forms an integral part of the spliceosome and is required for activating pre-mRNA splicing. The PRP19-CDC5L complex may also play a role in the response to DNA damage (DDR). |
| <b>Product Categories/Family for CDC5L recombinant antibody</b>   | <a href="#">Recombinant Antibody</a> ; <a href="#">Epigenetics and Nuclear Signaling</a>                                                                                                                                                                                                                          |

## NCBI AND UNIPROT INFORMATION

|                                         |                                            |
|-----------------------------------------|--------------------------------------------|
| <b>NCBI GI #</b>                        | 11067747                                   |
| <b>NCBI GeneID</b>                      | 988                                        |
| <b>NCBI Accession #</b>                 | NP_001244.1                                |
| <b>NCBI GenBank Nucleotide #</b>        | NM_001253.4                                |
| <b>UniProt Accession #</b>              | Q99459; Q76N46; Q99974                     |
| <b>Molecular Weight</b>                 | 92,251 Da                                  |
| <b>NCBI Official Full Name</b>          | cell division cycle 5-like protein         |
| <b>NCBI Official Synonym Full Names</b> | cell division cycle 5 like                 |
| <b>NCBI Official Symbol</b>             | CDC5L                                      |
| <b>NCBI Official Synonym Symbols</b>    | CDC5; CEF1; PCDC5RP; CDC5-LIKE; dJ319D22.1 |
| <b>NCBI Protein Information</b>         | cell division cycle 5-like protein         |
| <b>UniProt Protein Name</b>             | Cell division cycle 5-like protein         |
| <b>UniProt Gene Name</b>                | <b>CDC5L</b>                               |
| <b>UniProt Synonym Gene Names</b>       | KIAA0432; PCDC5RP; Cdc5-like protein       |

**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.