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Lieferung & Zahlungsart

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Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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CCNB1 & CDC25A Protein Protein Interaction Antibody Pair

Catalog # : DI0023

規格 : [1 Set]

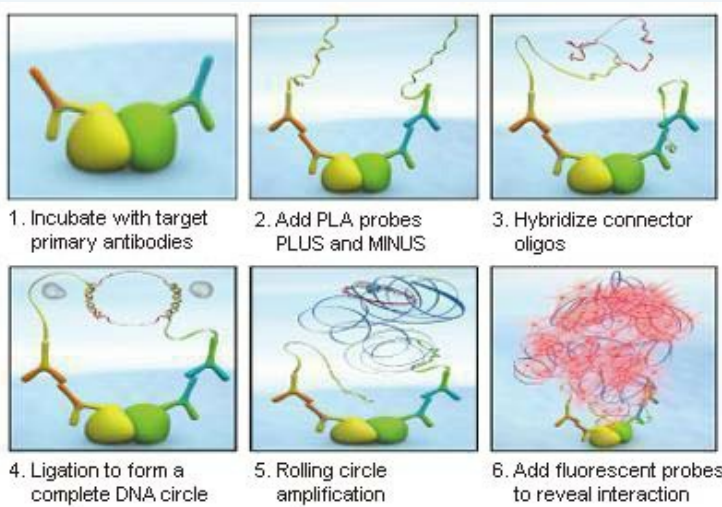
List All

Specification

Product Description: This protein protein interaction antibody pair set comes with two antibodies to detect the protein-protein interaction, one against the CCNB1 protein, and the other against the CDC25A protein for use in *in situ* Proximity Ligation Assay. See Publication Reference below.

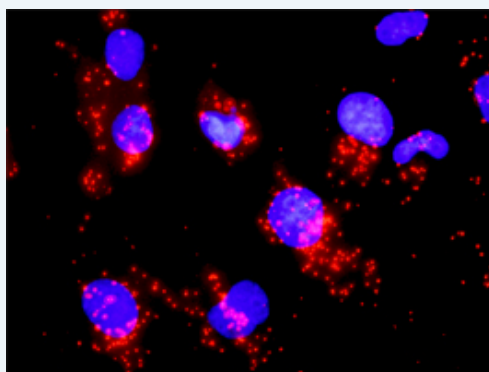
Application Image

In situ Proximity Ligation Assay (Cell)



Reactivity: Human

Quality Control Testing: Protein protein interaction immunofluorescence result.



Representative image of Proximity Ligation Assay of protein-protein interactions between CCNB1 and CDC25A. Mahlavu cells were stained with anti-CCNB1 rabbit purified polyclonal antibody 1:1200 and anti-CDC25A mouse monoclonal antibody 1:50. Each red dot represents the detection of protein-protein interaction complex. The images were analyzed using an optimized freeware ([BlobFinder](#)) download from The Centre for Image Analysis at Uppsala University.

Supplied Product: Antibody pair set content:
 1. CCNB1 rabbit purified polyclonal antibody (20 ug)
 2. CDC25A mouse monoclonal antibody (40 ug)
 *Reagents are sufficient for at least 30-50 assays using recommended protocols.

Storage Instruction: Store reagents of the antibody pair set at -20°C or lower. Please aliquot to avoid repeated freeze thaw cycle. Reagents should be returned to -

MSDS:



Publication Reference

1. An analysis of protein-protein interactions in cross-talk pathways reveals CRKL as a novel prognostic marker in hepatocellular carcinoma. Liu CH, Chen TC, Chau GY, Jan YH, Chen CH, Hsu CN, Lin KT, Juang YL, Lu PJ, Cheng HC, Chen MH, Chang CF, Ting YS, Kao CY, Hsiao M, Huang CY. Mol Cell Proteomics. 2013 Feb 8. [Epub ahead of print]

Applications

In situ Proximity Ligation Assay (Cell)

[CCNB1](#) [CDC25A](#)

Gene Information

Entrez GeneID: [891](#)

Gene Name: CCNB1

Gene Alias: CCNB

Gene Description: cyclin B1

Omim ID: [123836](#)

Gene Ontology: [Hyperlink](#)

Gene Summary: The protein encoded by this gene is a regulatory protein involved in mitosis. The gene product complexes with p34(cdc2) to form the maturation-promoting factor (MPF). Two alternative transcripts have been found, a constitutively expressed transcript and a cell cycle-regulated transcript, that is expressed predominantly during G2/M phase. The different transcripts result from the use of alternate transcription initiation sites. [provided by RefSeq]

Other Designations: G2/mitotic-specific cyclin B1

Gene Information

Entrez GeneID: [993](#)

Gene Name: CDC25A

Gene Alias: CDC25A2

Gene Description: cell division cycle 25 homolog A (S. pombe)

Omim ID: [116947](#)

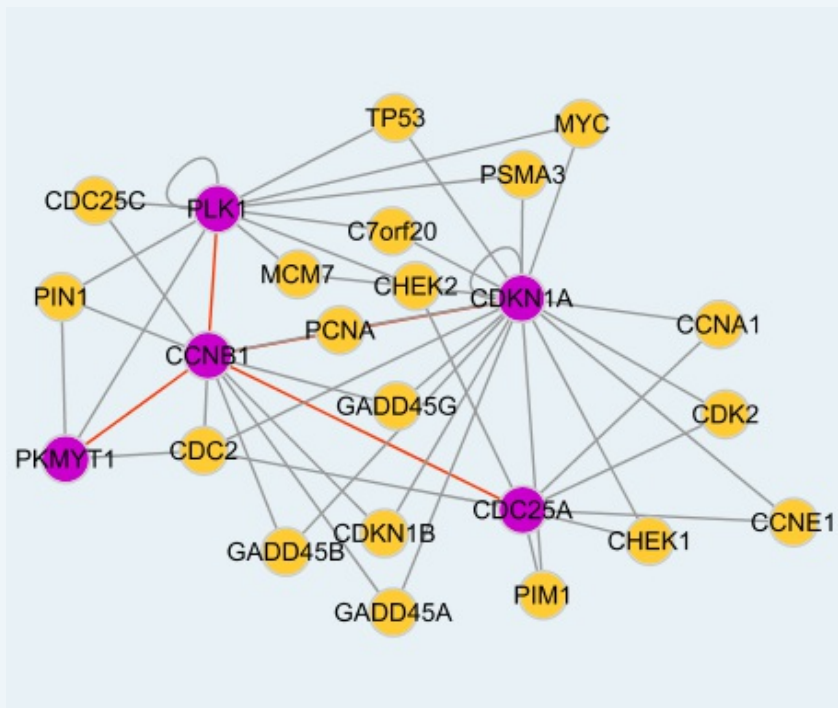
Gene Ontology: [Hyperlink](#)

Gene Summary: CDC25A is a member of the CDC25 family of phosphatases. CDC25A is required for progression from G1 to the S phase of the cell cycle. It activates the cyclin-dependent kinase CDC2 by removing two phosphate groups. CDC25A is specifically degraded in response to DNA damage, which prevents cells with chromosomal abnormalities from progressing through cell division. CDC25A is an oncogene, although its exact role in oncogenesis has not been demonstrated. Two transcript

variants encoding different isoforms have been found for this gene.
[provided by RefSeq]

Other M-phase inducer phosphatase 1, cell division cycle 25A, dual specificity
Designations: phosphatase CDC25A

Interactome 1



Interactome 2

