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Lieferung & Zahlungsart

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Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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OCLN & CSNK1E Protein Protein Interaction Antibody Pair

Catalog # : DI0134

規格 : [1 Set]

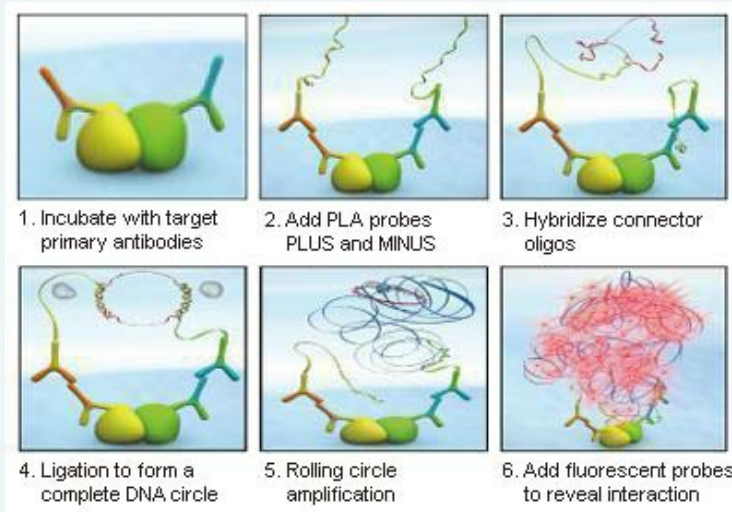
List All

Specification

Product Description: This protein protein interaction antibody pair set comes with two antibodies to detect the protein-protein interaction, one against the OCLN protein, and the other against the CSNK1E protein for use in *in situ* Proximity Ligation Assay. See Publication Reference below.

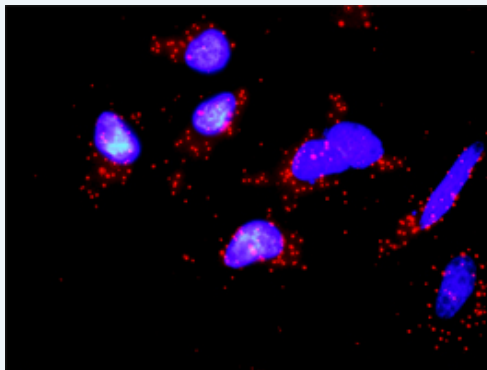
Application Image

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 OCLN and CSNK1E. HeLa cells were stained with anti-OCLN rabbit purified polyclonal antibody 1:1200 and anti-CSNK1E 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. OCLN rabbit purified polyclonal antibody (20 ug)
 2. CSNK1E 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 -

20°C storage immediately after use.

MSDS:  [Download](#)

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)

[CSNK1E](#) [OCLN](#)

Gene Information

Entrez GeneID: [4950](#)

Gene Name: OCLN

Gene Alias: -

Gene Description: occludin

Omim ID: [602876](#)

Gene Ontology: [Hyperlink](#)

Gene Summary: This gene encodes an integral membrane protein which is located at tight junctions. This protein may be involved in the formation and maintenance of the tight junction. The possibility of several alternatively spliced products has been suggested but the full nature of these products has not been described. [provided by RefSeq]

Other Designations: tight junction protein occludin TM4 minus

Gene Information

Entrez GeneID: [1454](#)

Gene Name: CSNK1E

Gene Alias: HCKIE,MGC10398

Gene Description: casein kinase 1, epsilon

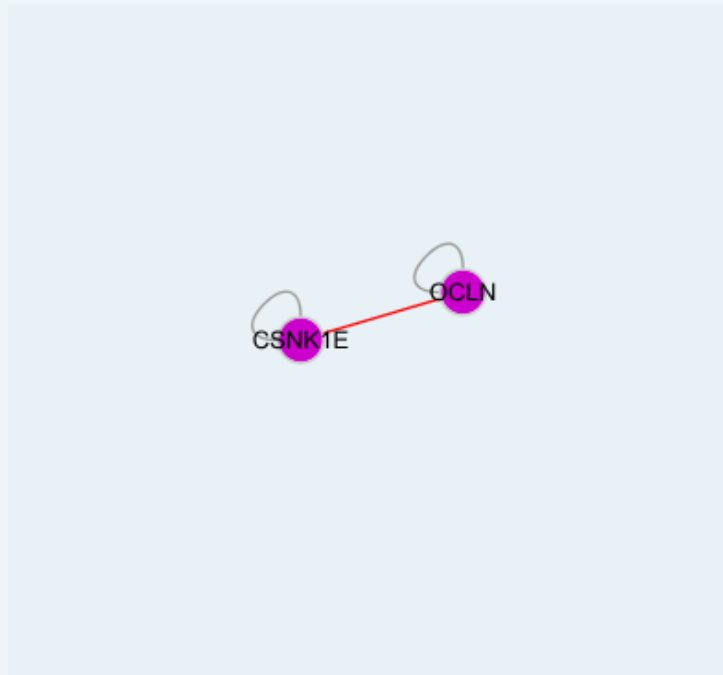
Omim ID: [600863](#)

Gene Ontology: [Hyperlink](#)

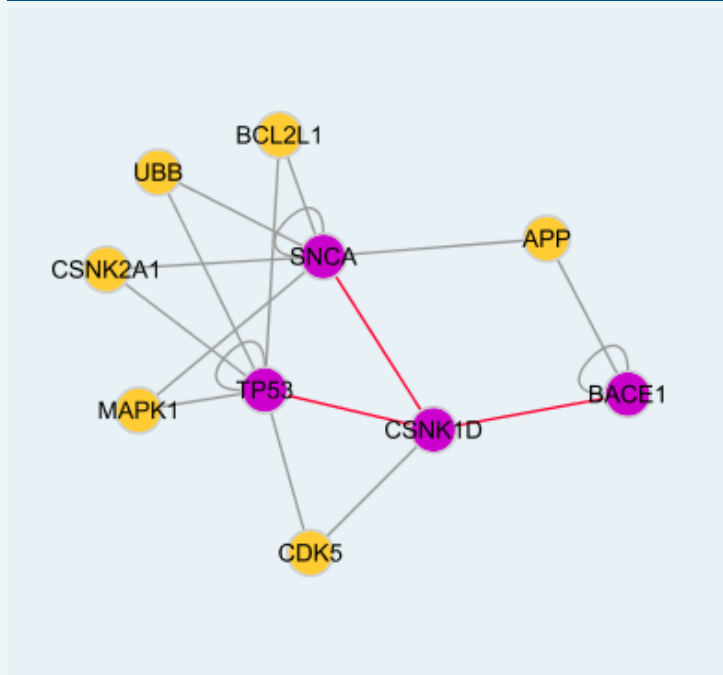
Gene Summary: The protein encoded by this gene is a serine/threonine protein kinase and a member of the casein kinase I protein family, whose members have been implicated in the control of cytoplasmic and nuclear processes, including DNA replication and repair. The encoded protein is found in the cytoplasm as a monomer and can phosphorylate a variety of proteins, including itself. This protein has been shown to phosphorylate period, a circadian rhythm protein. Two transcript variants encoding the same protein have been found for this gene. [provided by RefSeq]

Other CKI-epsilon, OTTHUMP00000063258, OTTHUMP00000063263, casein
Designations: kinase 1 epsilon, casein kinase I epsilon

Interactome 1



Interactome 2



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