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Zuschläge

- Mindermengenzuschlag
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- Expressversand

SZABO-SCANDIC HandelsgmbH

Quellenstraße 110, A-1100 Wien

T. +43(0)1 489 3961-0

F. +43(0)1 489 3961-7

mail@szabo-scandic.com

www.szabo-scandic.com

[linkedin.com/company/szaboscandic](https://www.linkedin.com/company/szaboscandic) 

CCNB1 & FOXO1 Protein Protein Interaction Antibody Pair

產品編號 #: DI0209

規格 : [1 Set]

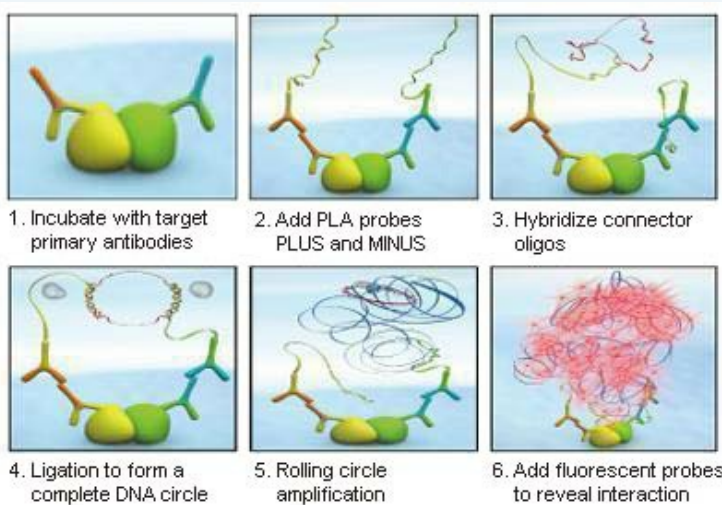
[List All](#)

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 FOXO1 protein for use in *in situ* Proximity Ligation Assay. See Publication Reference below.

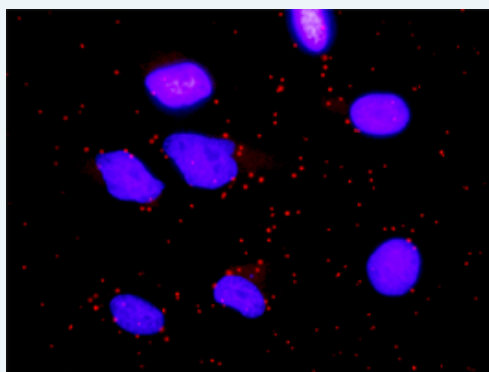
Application Image

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 FOXO1. HeLa cells were stained with anti-CCNB1 rabbit purified polyclonal antibody 1:1200 and anti-FOXO1 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. FOXO1 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](#) [FOXO1](#)

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: [2308](#)

Gene Name: FOXO1

Gene Alias: FKH1,FKHR,FOXO1A

Gene Description: forkhead box O1

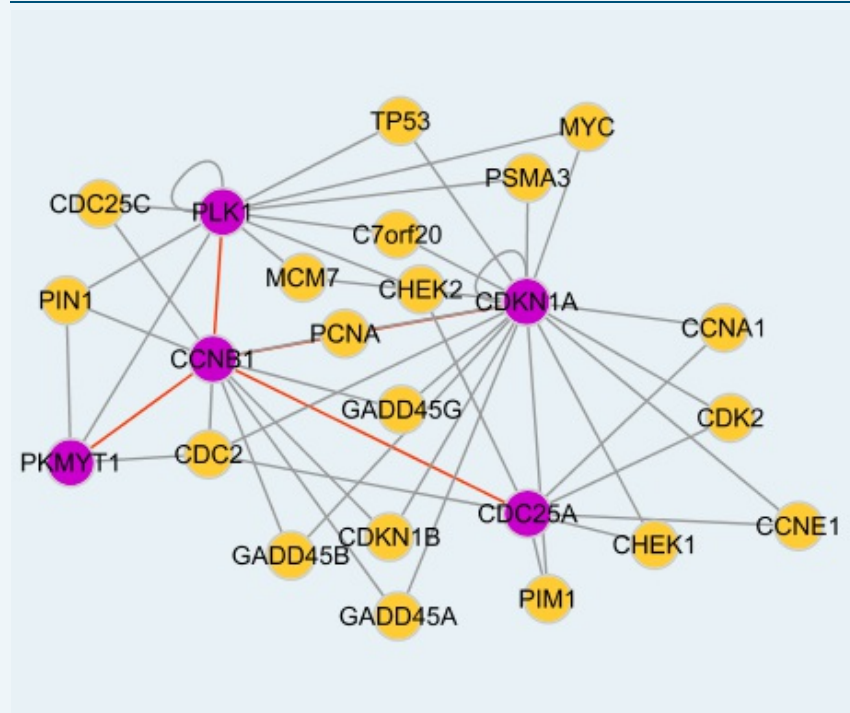
Omim ID: [136533](#), [268220](#)

Gene Ontology: [Hyperlink](#)

Gene Summary: This gene belongs to the forkhead family of transcription factors which are characterized by a distinct forkhead domain. The specific function of this gene has not yet been determined; however, it may play a role in myogenic growth and differentiation. Translocation of this gene with PAX3 has been associated with alveolar rhabdomyosarcoma. [provided by RefSeq]

Other OTTHUMP00000018301, forkhead box O1A
Designations: (rhabdomyosarcoma), forkhead homolog in
rhabdomyosarcoma, forkhead, Drosophila, homolog of, in
rhabdomyosarcoma

Interactome



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