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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) 

DVL1 & CSNK2A1 Protein Protein Interaction Antibody Pair

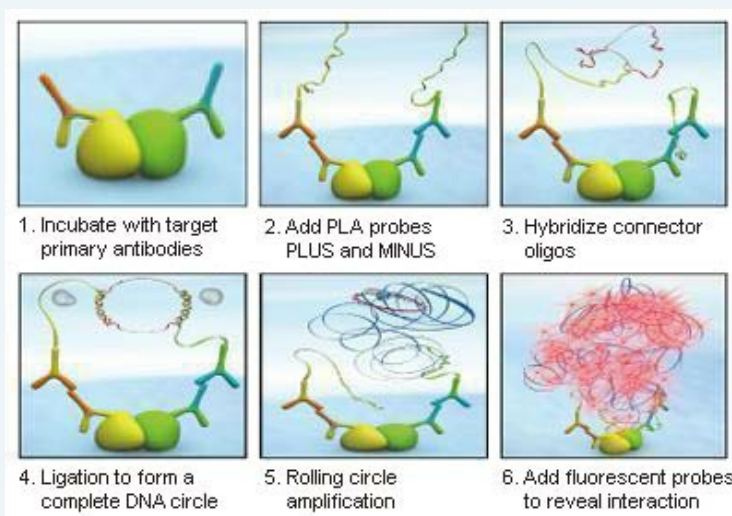
Catalog # : DI0595

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 DVL1 protein, and the other against the CSNK2A1 protein for use in *in situ* Proximity Ligation Assay. See Publication Reference below.

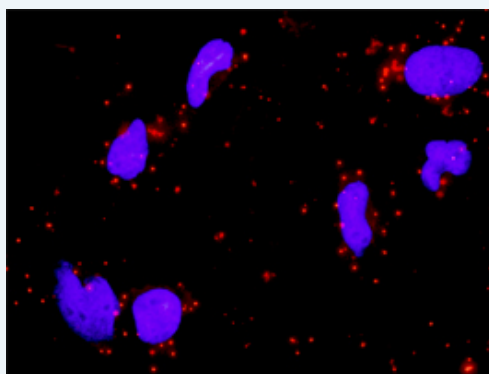


Application Image

In situ Proximity Ligation Assay (Cell)

Reactivity: Human

Quality Control Testing: Protein protein interaction immunofluorescence result.



Supplied Product: Antibody pair set content:
 1. DVL1 rabbit purified polyclonal antibody (20 ug)
 2. CSNK2A1 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)

[CSNK2A1](#) [DVL1](#)

Gene Information

Entrez GeneID: [1855](#)

Gene Name: DVL1

Gene Alias: DVL,MGC54245

Gene Description: dishevelled, dsh homolog 1 (Drosophila)

Omim ID: [601365](#)

Gene Ontology: [Hyperlink](#)

Gene Summary: DVL1, the human homolog of the Drosophila dishevelled gene (dsh) encodes a cytoplasmic phosphoprotein that regulates cell proliferation, acting as a transducer molecule for developmental processes, including segmentation and neuroblast specification. DVL1 is a candidate gene for neuroblastomatous transformation. The Schwartz-Jampel syndrome and Charcot-Marie-Tooth disease type 2A have been mapped to the same region as DVL1. The phenotypes of these diseases may be consistent with defects which might be expected from aberrant expression of a DVL gene during development. [provided by RefSeq]

Other Designations: OTTHUMP00000003104,dishevelled 1,dishevelled 1 (homologous to Drosophila dsh)

Gene Information

Entrez GeneID: [1457](#)

Gene Name: CSNK2A1

Gene Alias: CK2A1,CKII

Gene Description: casein kinase 2, alpha 1 polypeptide

Omim ID: [115440](#)

Gene Ontology: [Hyperlink](#)

Gene Summary: Casein kinase II is a serine/threonine protein kinase that phosphorylates acidic proteins such as casein. The kinase exists as a tetramer and is composed of an alpha, an alpha-prime, and two beta subunits. The alpha subunits contain the catalytic activity while the beta subunits undergo autophosphorylation. The protein encoded by this

gene represents the alpha subunit. While this gene is found on chromosome 20, a related transcribed pseudogene is found on chromosome 11. Three transcript variants encoding two different proteins have been found for this gene. [provided by RefSeq

Other CK2 catalytic subunit
Designations: alpha,OTTHUMP00000029925,OTTHUMP00000029926,casein kinase II
alpha 1 subunit,casein kinase II alpha subunit,protein kinase CK2

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