SZABO SCANDIC

Part of Europa Biosite

# Produktinformation

- Forschungsprodukte & Biochemikalien
- Zellkultur & Verbrauchsmaterial
- Diagnostik & molekulare Diagnostik
- Laborgeräte & Service

Weitere Information auf den folgenden Seiten!
See the following pages for more information!

## Lieferung & Zahlungsart

siehe unsere Liefer- und Versandbedingungen

## Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- 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

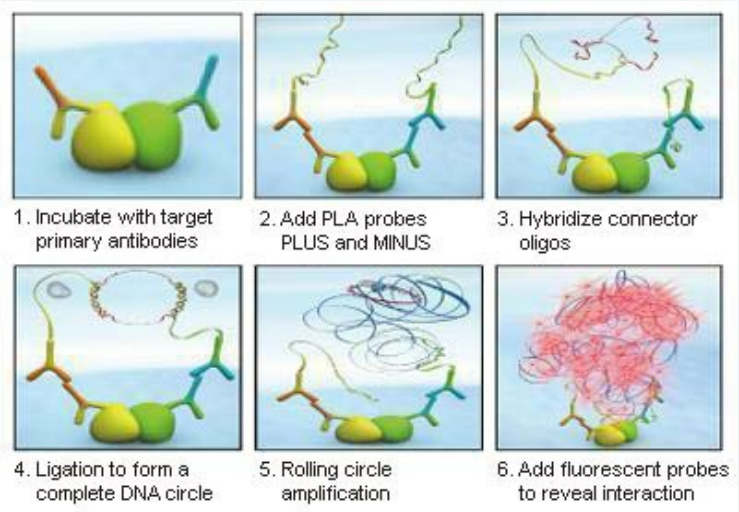
# GSK3B & CDH1 Protein Protein Interaction Antibody Pair

**Catalog # :** DI0316 **規格 :** [ 1 Set ]

List All

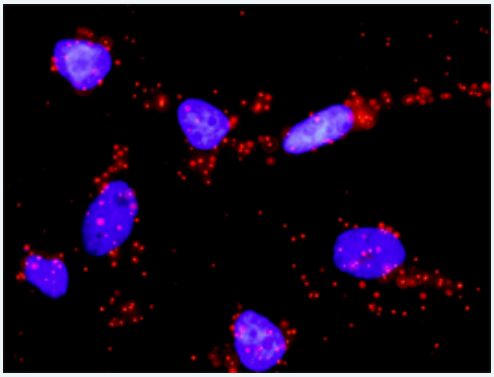
## Specification

**Product Description:** This protein protein interaction antibody pair set comes with two antibodies to detect the protein-protein interaction, one against the GSK3B protein, and the other against the CDH1 protein for use in *in situ* Proximity Ligation Assay. See Publication Reference below.




**Reactivity:** Human

**Quality Control Testing:** Protein protein interaction immunofluorescence result.



Representative image of Proximity Ligation Assay of protein-protein interactions between GSK3B and CDH1. HeLa cells were stained with anti-GSK3B rabbit purified polyclonal antibody 1:1200 and anti-CDH1 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. GSK3B rabbit purified polyclonal antibody (20 ug)
2. CDH1 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 -

## Application Image

*In situ* Proximity Ligation Assay (Cell)

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)**

CDH1 GSK3B

## Gene Information

**Entrez GeneID:** 2932

**Gene Name:** GSK3B

**Gene Alias:** -

**Gene Description:** glycogen synthase kinase 3 beta

**Omim ID:** 605004

**Gene Ontology:** Hyperlink

**Gene Summary:** The protein encoded by this gene is a serine-threonine kinase, belonging to the glycogen synthase kinase subfamily. It is involved in energy metabolism, neuronal cell development, and body pattern formation. Polymorphisms in this gene have been implicated in modifying risk of Parkinson disease, and studies in mice show that overexpression of this gene may be relevant to the pathogenesis of Alzheimer disease. Alternatively spliced transcript variants encoding different isoforms have been found for this gene

**Other Designations:** GSK3beta isoform,glycogen synthase kinase-3 beta

## Gene Information

**Entrez GeneID:** 999

**Gene Name:** CDH1

**Gene Alias:** Arc-1,CD324,CDHE,ECAD,LCAM,UVO

**Gene Description:** cadherin 1, type 1, E-cadherin (epithelial)

**Omim ID:** 137215, 192090

**Gene Ontology:** Hyperlink

**Gene Summary:** This gene is a classical cadherin from the cadherin superfamily. The encoded protein is a calcium dependent cell-cell adhesion glycoprotein comprised of five extracellular cadherin repeats, a transmembrane region and a highly conserved cytoplasmic tail. Mutations in this gene are correlated with gastric, breast, colorectal, thyroid and ovarian cancer. Loss of function is thought to contribute to progression in

cancer by increasing proliferation, invasion, and/or metastasis. The ectodomain of this protein mediates bacterial adhesion to mammalian cells and the cytoplasmic domain is required for internalization. Identified transcript variants arise from mutation at consensus splice sites. [provided by RefSeq

**Other Designations:** cadherin 1, E-cadherin (epithelial),cadherin 1, type 1,calcium-dependent adhesion protein, epithelial,cell-CAM 120/80,uvomorulin

## Interactome