



# SZABO SCANDIC

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- Gefahrgutzuschlag
- Expressversand

### SZABO-SCANDIC HandelsgmbH

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## PRKCD & FYN Protein Protein Interaction Antibody Pair

Catalog # : DI0211

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

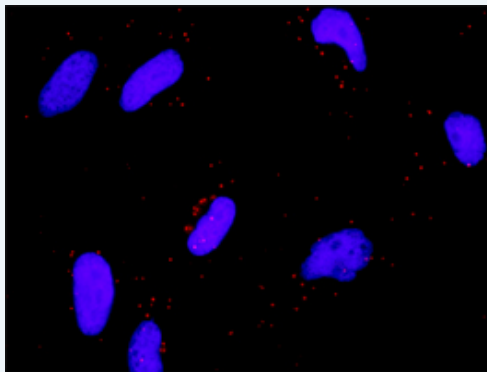


### Application Image

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

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## 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)

[FYN](#) [PRKCD](#)

## Gene Information

Entrez GeneID: [5580](#)

Gene Name: PRKCD

Gene Alias: MAY1,MGC49908,PKCD,nPKC-delta

Gene Description: protein kinase C, delta

Omim ID: [176977](#)

Gene Ontology: [Hyperlink](#)

**Gene Summary:** Protein kinase C (PKC) is a family of serine- and threonine-specific protein kinases that can be activated by calcium and the second messenger diacylglycerol. PKC family members phosphorylate a wide variety of protein targets and are known to be involved in diverse cellular signaling pathways. PKC family members also serve as major receptors for phorbol esters, a class of tumor promoters. Each member of the PKC family has a specific expression profile and is believed to play distinct roles in cells. The protein encoded by this gene is one of the PKC family members. Studies both in human and mice demonstrate that this kinase is involved in B cell signaling and in the regulation of growth, apoptosis, and differentiation of a variety of cell types. Alternatively spliced transcript variants encoding the same protein have been observed. [provided by RefSeq]

Other Designations: protein kinase C delta VIII

## Gene Information

Entrez GeneID: [2534](#)

Gene Name: FYN

Gene Alias: MGC45350,SLK,SYN

Gene Description: FYN oncogene related to SRC, FGR, YES

Omim ID: [137025](#)

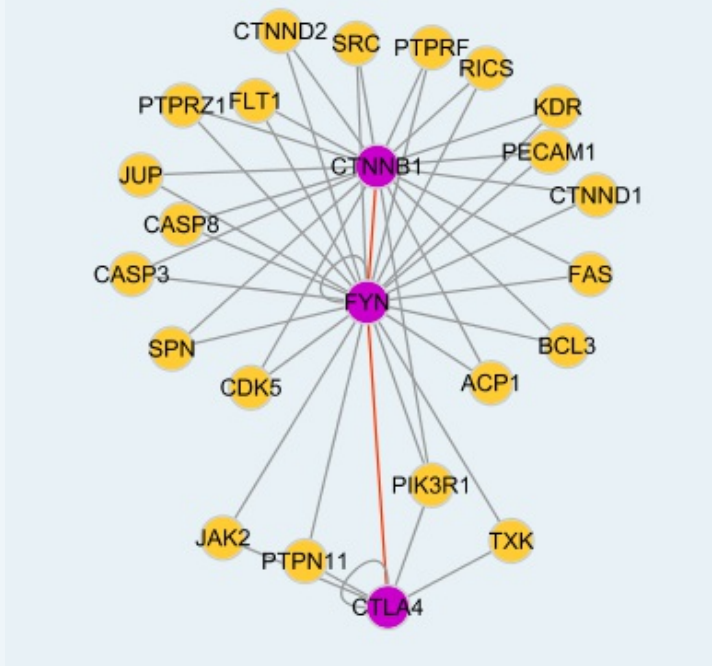
Gene Ontology: [Hyperlink](#)

**Gene Summary:** This gene is a member of the protein-tyrosine kinase oncogene family.

It encodes a membrane-associated tyrosine kinase that has been implicated in the control of cell growth. The protein associates with the p85 subunit of phosphatidylinositol 3-kinase and interacts with the fyn-binding protein. Alternatively spliced transcript variants encoding distinct isoforms exist. [provided by RefSeq]

**Other** OKT3-induced calcium influx  
**Designations:** regulator,OTTHUMP00000017914,OTTHUMP00000017915,OTTHUMP00000017917,c-syn protooncogene,protein-tyrosine kinase fyn,protooncogene tyrosine-protein kinase fyn,src-like kinase,src/yes-related novel,tyrosine kinase p59fyn(T)

### Interactome



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