



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

CRK & FGFR1 Protein Protein Interaction Antibody Pair

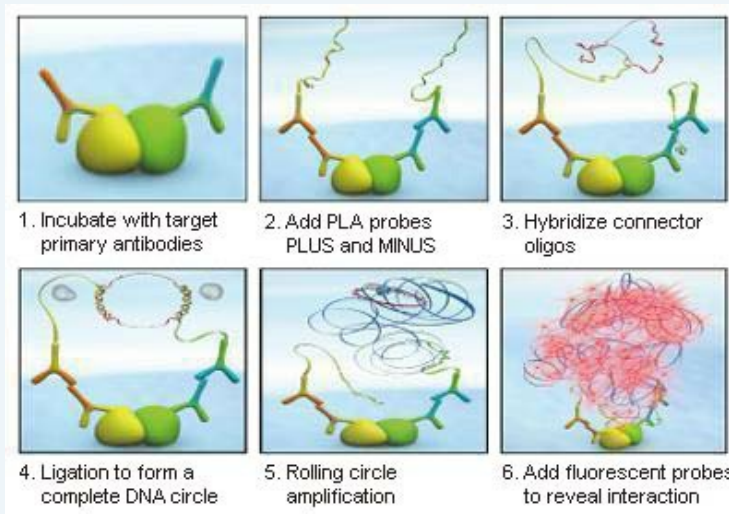
Catalog # : DI0350

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 CRK protein, and the other against the FGFR1 protein for use in *in situ* Proximity Ligation Assay. See Publication Reference below.

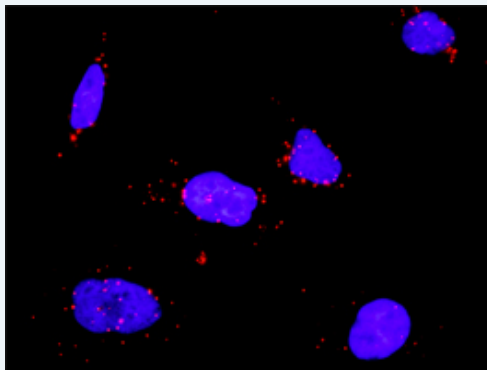


Application Image

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 CRK and FGFR1. HeLa cells were stained with anti-CRK rabbit purified polyclonal antibody 1:1200 and anti-FGFR1 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. CRK rabbit purified polyclonal antibody (20 ug)
 2. FGFR1 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)

[CRK](#) [FGFR1](#)

Gene Information

Entrez GeneID: [1398](#)

Gene Name: CRK

Gene Alias: CRKII

Gene Description: v-crk sarcoma virus CT10 oncogene homolog (avian)

Omim ID: [164762](#)

Gene Ontology: [Hyperlink](#)

Gene Summary: This gene encodes a member of an adapter protein family that binds to several tyrosine-phosphorylated proteins. The product of this gene has several SH2 and SH3 domains (src-homology domains) and is involved in several signaling pathways, recruiting cytoplasmic proteins in the vicinity of tyrosine kinase through SH2-phosphotyrosine interaction. The N-terminal SH2 domain of this protein functions as a positive regulator of transformation whereas the C-terminal SH3 domain functions as a negative regulator of transformation. Two alternative transcripts encoding different isoforms with distinct biological activity have been described. [provided by RefSeq]

Other Designations: avian sarcoma virus CT10 (v-crk) oncogene homolog,v-crk avian sarcoma virus CT10 oncogene homolog,v-crk sarcoma virus CT10 oncogene homolog

Gene Information

Entrez GeneID: [2260](#)

Gene Name: FGFR1

Gene Alias: BFGFR,CD331,CEK,FGFBR,FLG,FLJ99988,FLT2,HBGFR,KAL2,N-SAM

Gene Description: fibroblast growth factor receptor 1

Omim ID: [101600](#), [123150](#), [136350](#), [147950](#)

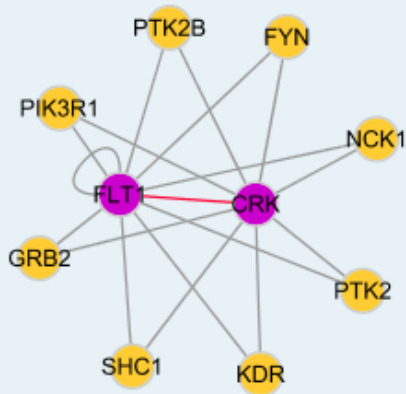
Gene Ontology: [Hyperlink](#)

Gene Summary: The protein encoded by this gene is a member of the fibroblast growth factor receptor (FGFR) family, where amino acid sequence is highly

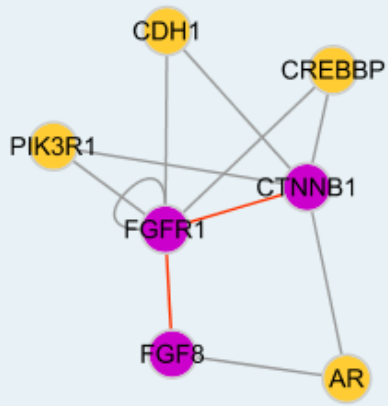
conserved between members and throughout evolution. FGFR family members differ from one another in their ligand affinities and tissue distribution. A full-length representative protein consists of an extracellular region, composed of three immunoglobulin-like domains, a single hydrophobic membrane-spanning segment and a cytoplasmic tyrosine kinase domain. The extracellular portion of the protein interacts with fibroblast growth factors, setting in motion a cascade of downstream signals, ultimately influencing mitogenesis and differentiation. This particular family member binds both acidic and basic fibroblast growth factors and is involved in limb induction. Mutations in this gene have been associated with Pfeiffer syndrome, Jackson-Weiss syndrome, Antley-Bixler syndrome, osteoglophonic dysplasia, and autosomal dominant Kallmann syndrome 2. Chromosomal aberrations involving this gene are associated with stem cell myeloproliferative disorder and stem cell leukemia lymphoma syndrome. Alternatively spliced variants which encode different protein isoforms have been described; however, not all variants have been fully characterized. [provided by RefSeq]

Other Designations: FMS-like tyrosine kinase 2, OTTHUMP00000190874, OTTHUMP00000190878, OTTHUMP00000190879, OTTHUMP00000190881, basic fibroblast growth factor receptor 1, fms-related tyrosine kinase 2, fms-related tyrosine kinase-2, heparin-binding growth factor receptor, hydroxyaryl

Interactome 1



Interactome 2



[服務條款](#) | [隱私權政策](#) | [著作及商標](#) | [網站地圖](#)

©2016 亞諾法生技股份有限公司 Abnova Corporation. 版權所有.