

Produktinformation



Forschungsprodukte & Biochemikalien



Zellkultur & Verbrauchsmaterial



Diagnostik & molekulare Diagnostik



Laborgeräte & Service

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Lieferung & Zahlungsart

siehe unsere Liefer- und Versandbedingungen

Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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SYK & CTTN Protein Protein Interaction Antibody Pair

Catalog #: DI0128 規格:[1 Set]

List All

Specification

Product Description:

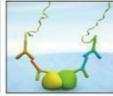
This protein protein interaction antibody pair set comes with two antibodies to detect the protein-protein interaction, one against the SYK protein, and the other against the CTTN protein for use in *in situ* Proximity Ligation Assay. See Publication Reference below.

Application Image

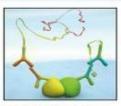
In situ Proximity Ligation Assay (Cell)



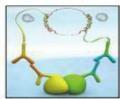
 Incubate with target primary antibodies



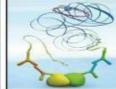
2. Add PLA probes PLUS and MINUS



 Hybridize connector oligos



 Ligation to form a complete DNA circle



5. Rolling circle amplification



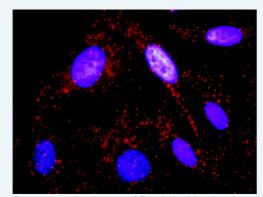
Add fluorescent probes
 to reveal interaction

Reactivity:

Human

Quality Contro

Quality Control Protein protein interaction immunofluorescence result.



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

<u> Download</u>

Publication Reference

 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)

CTTN SYK

Gene Information

Entrez GenelD: 6850

Gene Name: SYK

Gene Alias: DKFZp313N1010,FLJ25043,FLJ37489

Gene spleen tyrosine kinase

Description:

Omim ID: <u>600085</u>

Gene Ontology: Hyperlink

Other OTTHUMP00000021627,OTTHUMP00000021628

Designations:

Gene Information

Entrez GeneID: 2017

Gene Name: CTTN

Gene Alias: EMS1,FLJ34459

Gene cortactin

Description:

Omim ID: <u>164765</u>

Gene Ontology: Hyperlink

Gene Summary: This gene is overexpressed in breast cancer and squamous cell

carcinomas of the head and neck. The encoded protein is localized in the cytoplasm and in areas of the cell-substratum contacts. This gene has two roles: (1) regulating the interactions between components of adherens-type junctions and (2) organizing the cytoskeleton and cell adhesion structures of epithelia and carcinoma cells. During apoptosis, the encoded protein is degraded in a caspase-dependent manner. The aberrant regulation of this gene contributes to tumor cell invasion and metastasis. Two splice variants that encode different isoforms have

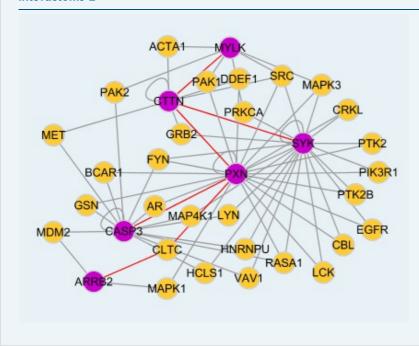
been identified for this gene. [provided by RefSeq

Other 1110020L01Rik,ems1 sequence (mammary tumor and squamous cell

Designations: carcinoma-associated (p80/85 src substrate),oncogene EMS1

Interactome 1 SRC GRB2 CRKL PXN FGGR1A SHC1

Interactome 2



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