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- Expressversand

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## SKP1 & CACYBP Protein Protein Interaction Antibody Pair

Catalog # : DI0077

規格 : [ 1 Set ]

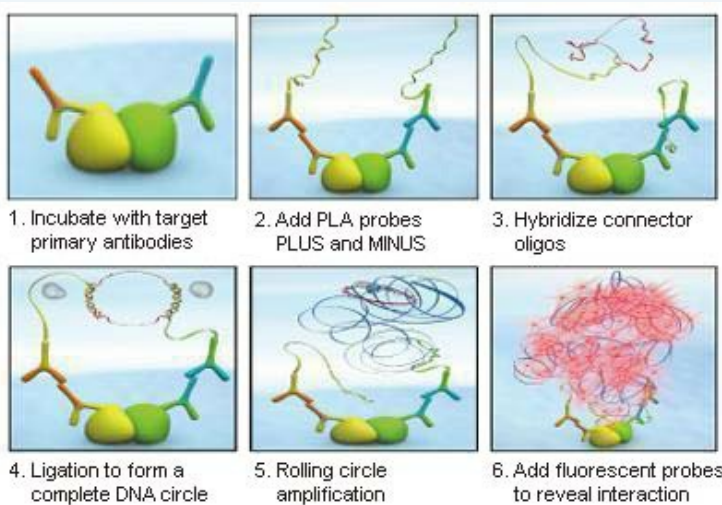
List All

### Specification

**Product Description:** This protein protein interaction antibody pair set comes with two antibodies to detect the protein-protein interaction, one against the SKP1 protein, and the other against the CACYBP protein for use in *in situ* Proximity Ligation Assay. See Publication Reference below.

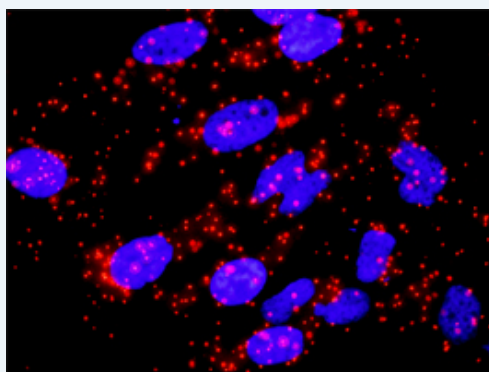
### Application Image

*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 SKP1 and CACYBP. HeLa cells were stained with anti-SKP1 rabbit purified polyclonal antibody 1:1200 and anti-CACYBP 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. SKP1 rabbit purified polyclonal antibody (20 ug)  
 2. CACYBP 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:**[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)**[SKP1](#) [CACYBP](#)**Gene Information****Entrez GeneID:** [6500](#)**Gene Name:** SKP1**Gene Alias:** EMC19,MGC34403,OCP-II,OCP2,SKP1A,TCEB1L,p19A**Gene Description:** S-phase kinase-associated protein 1**Omim ID:** [601434](#)**Gene Ontology:** [Hyperlink](#)

**Gene Summary:** This gene encodes a component of SCF complexes, which are composed of this protein, cullin 1, a ring-box protein, and one member of the F-box family of proteins. This protein binds directly to the F-box motif found in F-box proteins. SCF complexes are involved in the regulated ubiquitination of specific protein substrates, which targets them for degradation by the proteasome. Specific F-box proteins recognize different target protein(s), and many specific SCF substrates have been identified including regulators of cell cycle progression and development. Studies have also characterized the protein as an RNA polymerase II elongation factor. Alternative splicing of this gene results in two transcript variants. A related pseudogene has been identified on chromosome 7. [provided by RefSeq]

**Other Designations:** RNA polymerase II elongation factor-like protein OCP2,cyclin A/CDK2-associated p19,organ of Corti protein 2,transcription elongation factor B (SIII), polypeptide 1-like

**Gene Information****Entrez GeneID:** [27101](#)**Gene Name:** CACYBP**Gene Alias:** GIG5,MGC87971,PNAS-107,RP1-102G20.6,S100A6BP,SIP**Gene Description:** calcyclin binding protein**Omim ID:** [606186](#)**Gene Ontology:** [Hyperlink](#)**Gene Summary:** The protein encoded by this gene is a calcyclin binding protein. It may

be involved in calcium-dependent ubiquitination and subsequent proteosomal degradation of target proteins. It probably serves as a molecular bridge in ubiquitin E3 complexes and participates in the ubiquitin-mediated degradation of beta-catenin. Two alternatively spliced transcript variants encoding different isoforms have been found for this gene. [provided by RefSeq]

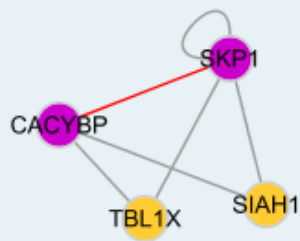
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**Other** OTTHUMP00000032884,OTTHUMP00000032885,Siah-interacting  
**Designations:** protein (SIP),growth-inhibiting gene 5 protein

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#### Interactome

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