



# SZABO SCANDIC

Part of Europa Biosite

## Produktinformation



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### Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

### SZABO-SCANDIC HandelsgmbH

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## CACYBP & SIAH1 Protein Protein Interaction Antibody Pair

Catalog # : DI0620

規格 : [ 1 Set ]

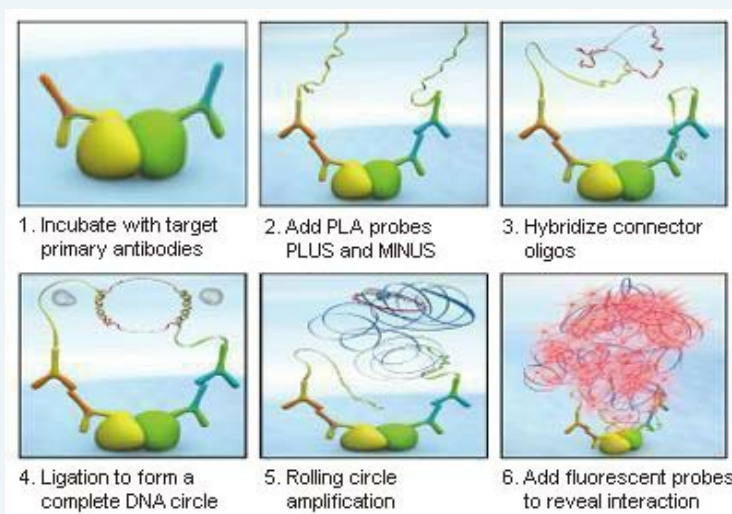
[List All](#)

### Specification

**Product Description:** This protein protein interaction antibody pair set comes with two antibodies to detect the protein-protein interaction, one against the CACYBP protein, and the other against the SIAH1 protein for use in *in situ* Proximity Ligation Assay. See Publication Reference below.

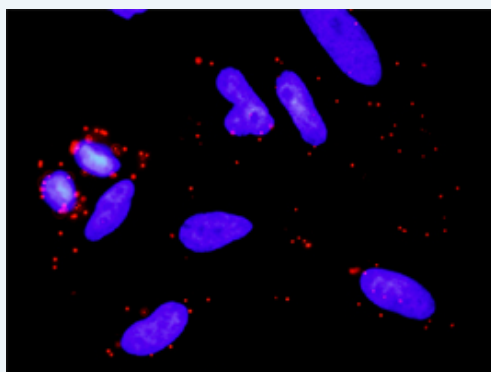
### Application Image

*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 CACYBP and SIAH1. HeLa cells were stained with anti-CACYBP rabbit purified polyclonal antibody 1:1200 and anti-SIAH1 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. CACYBP rabbit purified polyclonal antibody (20 ug)  
 2. SIAH1 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:**



**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)**

SIAH1 CACYBP

**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]

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

**Gene Information**

**Entrez GeneID:** 6477

**Gene Name:** SIAH1

**Gene Alias:** FLJ08065,HUMSIAH,Siah-1,Siah-1a,hSIAH1

**Gene Description:** seven in absentia homolog 1 (Drosophila)

**Omim ID:** 602212

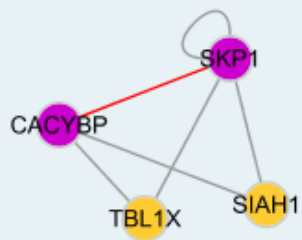
**Gene Ontology:** Hyperlink

**Gene Summary:** This gene encodes a protein that is a member of the seven in absentia homolog (SIAH) family. The protein is an E3 ligase and is involved in ubiquitination and proteasome-mediated degradation of specific proteins. The activity of this ubiquitin ligase has been implicated in the development of certain forms of Parkinson's disease, the regulation of the cellular response to hypoxia and induction of apoptosis. Alternative splicing results in several additional transcript variants, some encoding

different isoforms and others that have not been fully characterized.  
[provided by RefSeq]

**Other** seven in absentia homolog 1,sonic hedgehog homolog  
**Designations:**

#### Interactome



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