



# SZABO SCANDIC

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### Zuschläge

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- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

### SZABO-SCANDIC HandelsgmbH

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## INHBB & ACVR1C Protein Protein Interaction Antibody Pair

Catalog # : DI0042

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 INHBB protein, and the other against the ACVR1C protein for use in *in situ* Proximity Ligation Assay. See Publication Reference below.

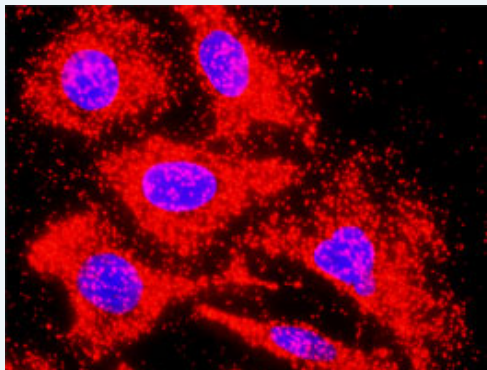
### Application Image

*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 INHBB and ACVR1C. HeLa cells were stained with anti-INHBB rabbit purified polyclonal antibody 1:1200 and anti-ACVR1C 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. INHBB rabbit purified polyclonal antibody (20 ug)  
 2. ACVR1C 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)

[INHBB](#) [ACVR1C](#)

## Gene Information

Entrez GeneID: [3625](#)

Gene Name: INHBB

Gene Alias: MGC157939

Gene Description: inhibin, beta B

Omim ID: [147390](#)

Gene Ontology: [Hyperlink](#)

**Gene Summary:** The inhibin beta B subunit joins the alpha subunit to form a pituitary FSH secretion inhibitor. Inhibin has been shown to regulate gonadal stromal cell proliferation negatively and to have tumour-suppressor activity. In addition, serum levels of inhibin have been shown to reflect the size of granulosa-cell tumors and can therefore be used as a marker for primary as well as recurrent disease. Because expression in gonadal and various extragonadal tissues may vary severalfold in a tissue-specific fashion, it is proposed that inhibin may be both a growth/differentiation factor and a hormone. Furthermore, the beta B subunit forms a homodimer, activin B, and also joins with the beta A subunit to form a heterodimer, activin AB, both of which stimulate FSH secretion. [provided by RefSeq]

Other Designations: Inhibin, beta-2,activin AB beta polypeptide,inhibin beta B subunit

## Gene Information

Entrez GeneID: [130399](#)

Gene Name: ACVR1C

Gene Alias: ACVRLK7,ALK7

Gene Description: activin A receptor, type IC

Omim ID: [608981](#)

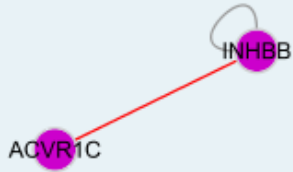
Gene Ontology: [Hyperlink](#)

**Gene Summary:** ACVR1C is a type I receptor for the TGFB (see MIM 190180) family of signaling molecules. Upon ligand binding, type I receptors

phosphorylate cytoplasmic SMAD transcription factors, which then translocate to the nucleus and interact directly with DNA or in complex with other transcription factors (Bondestam et al., 2001 [PubMed 12063393]).[supplied by OMIM

**Other Designations:** activin receptor-like kinase 7

### Interactome 1



### Interactome 2

