



# SZABO SCANDIC

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- 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](mailto:mail@szabo-scandic.com)

[www.szabo-scandic.com](http://www.szabo-scandic.com)

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

## IL6 & ZBTB16 Protein Protein Interaction Antibody Pair

Catalog # : DI0512

規格 : [ 1 Set ]

List All

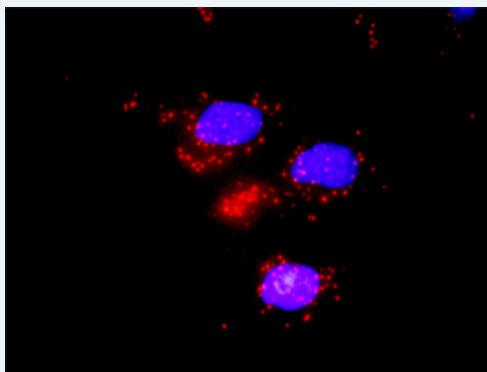
### Specification

**Product Description:** This protein protein interaction antibody pair set comes with two antibodies to detect the protein-protein interaction, one against the IL6 protein, and the other against the ZBTB16 protein for use in *in situ* Proximity Ligation Assay. See Publication Reference below.



**Reactivity:** Human

**Quality Control Testing:** Protein protein interaction immunofluorescence result.



Representative image of Proximity Ligation Assay of protein-protein interactions between IL6 and ZBTB16. HeLa cells were stained with anti-IL6 rabbit purified polyclonal antibody 1:1200 and anti-ZBTB16 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. IL6 rabbit purified polyclonal antibody (20 ug)  
 2. ZBTB16 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 -

### Application Image

*In situ* Proximity Ligation Assay (Cell)

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)

[IL6](#) [ZBTB16](#)

## Gene Information

Entrez GeneID: [3569](#)

Gene Name: IL6

Gene Alias: BSF2,HGF,HSF,IFNB2,IL-6

Gene Description: interleukin 6 (interferon, beta 2)

Omim ID: [147620](#), [148000](#), [166710](#)

Gene Ontology: [Hyperlink](#)

**Gene Summary:** This gene encodes a cytokine that functions in inflammation and the maturation of B cells. The protein is primarily produced at sites of acute and chronic inflammation, where it is secreted into the serum and induces a transcriptional inflammatory response through interleukin 6 receptor, alpha. The functioning of this gene is implicated in a wide variety of inflammation-associated disease states, including susceptibility to diabetes mellitus and systemic juvenile rheumatoid arthritis. [provided by RefSeq]

Other Designations: interleukin 6

## Gene Information

Entrez GeneID: [7704](#)

Gene Name: ZBTB16

Gene Alias: PLZF,ZNF145

Gene Description: zinc finger and BTB domain containing 16

Omim ID: [176797](#)

Gene Ontology: [Hyperlink](#)

**Gene Summary:** This gene is a member of the Krueppel C2H2-type zinc-finger protein family and encodes a zinc finger transcription factor that contains nine Kruppel-type zinc finger domains at the carboxyl terminus. This protein is located in the nucleus, is involved in cell cycle progression, and interacts with a histone deacetylase. Specific instances of aberrant gene rearrangement at this locus have been associated with acute

promyelocytic leukemia (APL). Alternate transcriptional splice variants have been characterized. [provided by RefSeq]

**Other Designations:** Kruppel-like zinc finger protein, promyelocytic leukemia zinc finger protein, zinc finger protein 145 (Kruppel-like, expressed in promyelocytic leukemia)

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