



# SZABO SCANDIC

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## Produktinformation



Forschungsprodukte & Biochemikalien



Zellkultur & Verbrauchsmaterial



Diagnostik & molekulare Diagnostik



Laborgeräte & Service

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### Lieferung & Zahlungsart

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### Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

### SZABO-SCANDIC HandelsgmbH

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## HSP90AB1 & FLNA Protein Protein Interaction Antibody Pair

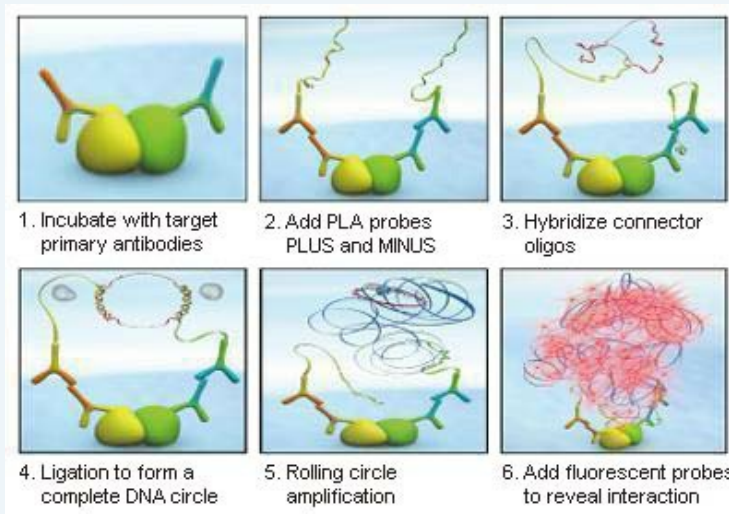
Catalog # : DI0206

規格 : [ 1 Set ]

List All

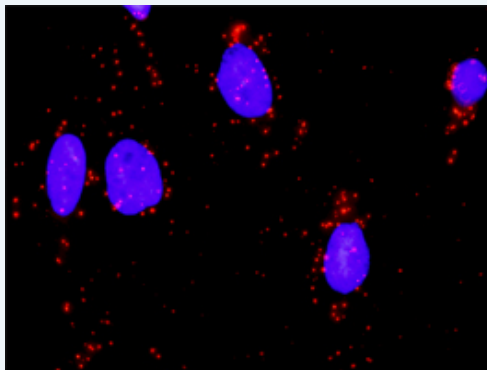
### Specification

**Product Description:** This protein protein interaction antibody pair set comes with two antibodies to detect the protein-protein interaction, one against the HSP90AB1 protein, and the other against the FLNA 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 HSP90AB1 and FLNA. HeLa cells were stained with anti-HSP90AB1 rabbit purified polyclonal antibody 1:1200 and anti-FLNA 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. HSP90AB1 rabbit purified polyclonal antibody (20 ug)  
 2. FLNA 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)

[FLNA](#) [HSP90AB1](#)

### Gene Information

Entrez GeneID: [3326](#)

Gene Name: HSP90AB1

Gene Alias: D6S182,FLJ26984,HSP90-BETA,HSP90B,HSPC2,HSPCB

Gene Description: heat shock protein 90kDa alpha (cytosolic), class B member 1

Omim ID: [140572](#)

Gene Ontology: [Hyperlink](#)

**Gene Summary:** HSP90 proteins are highly conserved molecular chaperones that have key roles in signal transduction, protein folding, protein degradation, and morphologic evolution. HSP90 proteins normally associate with other cochaperones and play important roles in folding newly synthesized proteins or stabilizing and refolding denatured proteins after stress. There are 2 major cytosolic HSP90 proteins, HSP90AA1 (MIM 140571), an inducible form, and HSP90AB1, a constitutive form. Other HSP90 proteins are found in endoplasmic reticulum (HSP90B1; MIM 191175) and mitochondria (TRAP1; MIM 606219) (Chen et al., 2005 [PubMed 16269234]).[supplied by OMIM]

**Other Designations:** OTTHUMP00000016517,OTTHUMP00000016518,OTTHUMP00000016519,OTTHUMP00000039869,heat shock 90kD protein 1, beta,heat shock 90kDa protein 1, beta,heat shock protein beta

### Gene Information

Entrez GeneID: [2316](#)

Gene Name: FLNA

Gene Alias: ABP-280,ABPX,DKFZp434P031,FLN,FLN1,FMD,MNS,NHBP,OPD,OPD1,OPD2

Gene Description: filamin A, alpha (actin binding protein 280)

Omim ID: [300017](#), [300049](#), [300537](#), [304120](#), [309350](#), [311300](#)

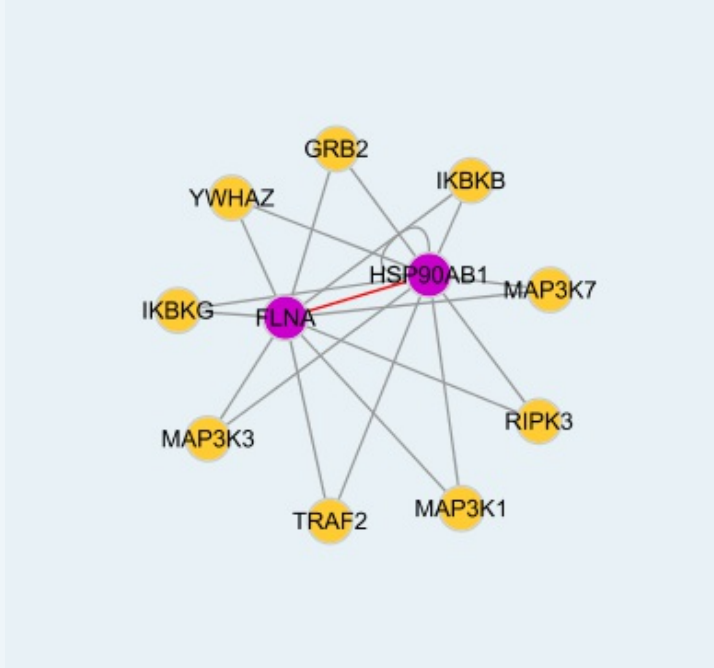
Gene Ontology: [Hyperlink](#)

**Gene Summary:** The protein encoded by this gene is an actin-binding protein that

crosslinks actin filaments and links actin filaments to membrane glycoproteins. The encoded protein is involved in remodeling the cytoskeleton to effect changes in cell shape and migration. This protein interacts with integrins, transmembrane receptor complexes, and second messengers. Defects in this gene are a cause of several syndromes, including periventricular nodular heterotopias (PVNH1, PVNH4), otopalatodigital syndromes (OPD1, OPD2), frontometaphyseal dysplasia (FMD), Melnick-Needles syndrome (MNS), and X-linked congenital idiopathic intestinal pseudoobstruction (CIIPX). Two transcript variants encoding different isoforms have been found for this gene

**Other Designations:** OTTHUMP00000024320,actin-binding protein 280,filamin 1,filamin A, alpha

### Interactome 1



### Interactome 2

