



# SZABO SCANDIC

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## Produktinformation



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### Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

### SZABO-SCANDIC HandelsgmbH

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## RPS6KA5 & EGF Protein Protein Interaction Antibody Pair

Catalog # : DI0542

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 RPS6KA5 protein, and the other against the EGF protein for use in *in situ* Proximity Ligation Assay. See Publication Reference below.

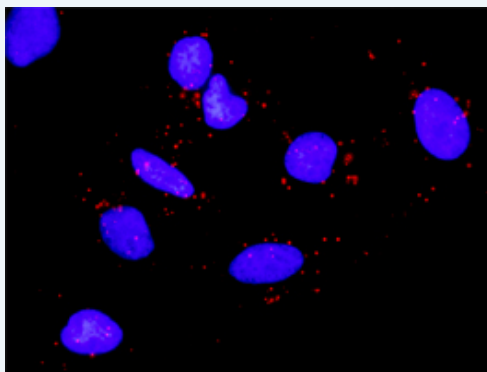
### Application Image

*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 RPS6KA5 and EGF. HeLa cells were stained with anti-RPS6KA5 rabbit purified polyclonal antibody 1:1200 and anti-EGF 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. RPS6KA5 rabbit purified polyclonal antibody (20 ug)  
 2. EGF 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:

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### 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)

[EGF](#) [RPS6KA5](#)

### Gene Information

Entrez GeneID: [9252](#)

Gene Name: RPS6KA5

Gene Alias: MGC1911,MSK1,MSPK1,RLPK

Gene Description: ribosomal protein S6 kinase, 90kDa, polypeptide 5

Omim ID: [603607](#)

Gene Ontology: [Hyperlink](#)

Other Designations: mitogen- and stress-activated protein kinase 1,ribosomal protein S6 kinase, 90kD, polypeptide 5

### Gene Information

Entrez GeneID: [1950](#)

Gene Name: EGF

Gene Alias: HOMG4,URG

Gene Description: epidermal growth factor (beta-urogastrone)

Omim ID: [131530](#)

Gene Ontology: [Hyperlink](#)

**Gene Summary:** Epidermal growth factor has a profound effect on the differentiation of specific cells in vivo and is a potent mitogenic factor for a variety of cultured cells of both ectodermal and mesodermal origin. The EGF precursor is believed to exist as a membrane-bound molecule which is proteolytically cleaved to generate the 53-amino acid peptide hormone that stimulates cells to divide. [provided by RefSeq]

Other Designations: urogastrone

