



# SZABO SCANDIC

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## Produktinformation



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### Zuschläge

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- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

### SZABO-SCANDIC HandelsgmbH

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## FAS & PRKCA Protein Protein Interaction Antibody Pair

Catalog # : DI0337

規格 : [ 1 Set ]

List All

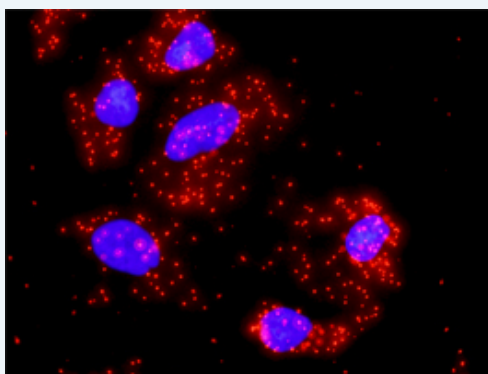
### Specification

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

[FAS](#) [PRKCA](#)

## Gene Information

Entrez GeneID: [355](#)

Gene Name: FAS

Gene Alias: ALPS1A,APO-1,APT1,CD95,FAS1,FASTM,TNFRSF6

Gene Description: Fas (TNF receptor superfamily, member 6)

Omim ID: [134637](#), [601859](#)

Gene Ontology: [Hyperlink](#)

**Gene Summary:** The protein encoded by this gene is a member of the TNF-receptor superfamily. This receptor contains a death domain. It has been shown to play a central role in the physiological regulation of programmed cell death, and has been implicated in the pathogenesis of various malignancies and diseases of the immune system. The interaction of this receptor with its ligand allows the formation of a death-inducing signaling complex that includes Fas-associated death domain protein (FADD), caspase 8, and caspase 10. The autoproteolytic processing of the caspases in the complex triggers a downstream caspase cascade, and leads to apoptosis. This receptor has been also shown to activate NF-kappaB, MAPK3/ERK1, and MAPK8/JNK, and is found to be involved in transducing the proliferating signals in normal diploid fibroblast and T cells. At least eight alternatively spliced transcript variants have been described, some of which are candidates for nonsense-mediated decay (NMD). The isoforms lacking the transmembrane domain may negatively regulate the apoptosis mediated by the full length isoform. [provided by RefSeq]

**Other Designations:** APO-1 cell surface antigen,CD95 antigen,Fas AMA,Fas antigen,OTTHUMP00000020045,OTTHUMP00000020046,OTTHUMP000020051,OTTHUMP00000059646,apoptosis antigen 1,tumor necrosis factor receptor superfamily member 6,tumor necrosis factor receptor superfamily, mem

## Gene Information

Entrez GeneID: [5578](#)

Gene Name: PRKCA

Gene Alias: AAG6,MGC129900,MGC129901,PKC-alpha,PKCA,PRKACA

Gene Description: protein kinase C, alpha

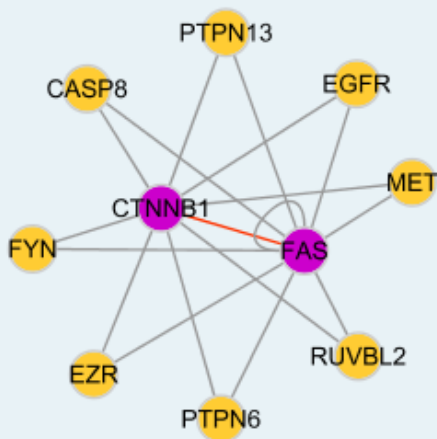
Omim ID: [176960](#)

Gene Ontology: [Hyperlink](#)

**Gene Summary:** Protein kinase C (PKC) is a family of serine- and threonine-specific protein kinases that can be activated by calcium and the second messenger diacylglycerol. PKC family members phosphorylate a wide variety of protein targets and are known to be involved in diverse cellular signaling pathways. PKC family members also serve as major receptors for phorbol esters, a class of tumor promoters. Each member of the PKC family has a specific expression profile and is believed to play a distinct role in cells. The protein encoded by this gene is one of the PKC family members. This kinase has been reported to play roles in many different cellular processes, such as cell adhesion, cell transformation, cell cycle checkpoint, and cell volume control. Knockout studies in mice suggest that this kinase may be a fundamental regulator of cardiac contractility and Ca(2+) handling in myocytes. [provided by RefSeq]

**Other Designations:** aging-associated gene 6,protein kinase C alpha type

### Interactome



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