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Lieferung & Zahlungsart

siehe unsere Liefer- und Versandbedingungen

Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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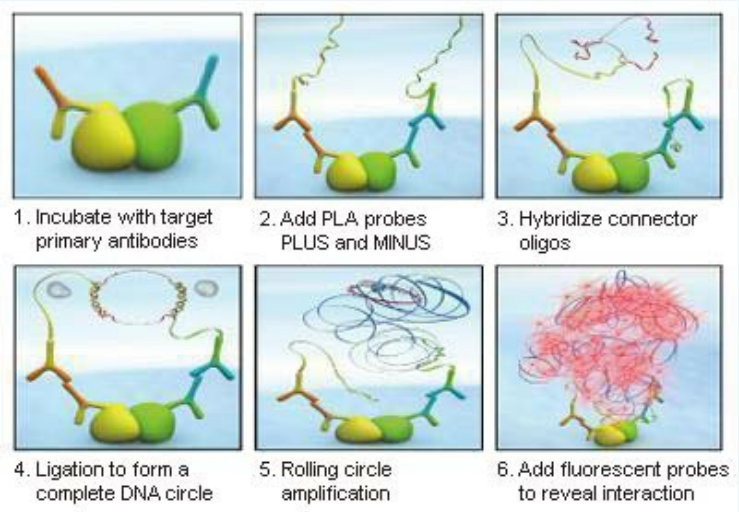
HSPA1L & MAP3K7IP1 Protein Protein Interaction Antibody Pair

Catalog # : DI0495 **規格 :** [1 Set]

List All

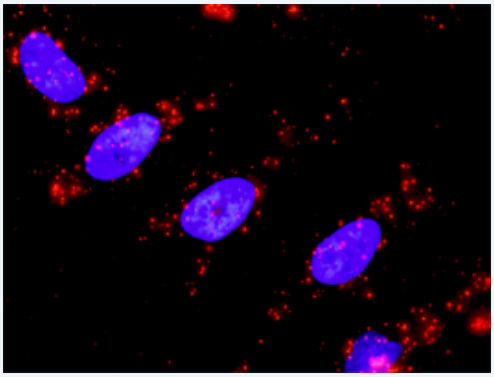
Specification

Product Description: This protein protein interaction antibody pair set comes with two antibodies to detect the protein-protein interaction, one against the HSPA1L protein, and the other against the MAP3K7IP1 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 HSPA1L and MAP3K7IP1. HeLa cells were stained with anti-HSPA1L rabbit purified polyclonal antibody 1:1200 and anti-MAP3K7IP1 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. HSPA1L rabbit purified polyclonal antibody (20 ug)
2. MAP3K7IP1 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)**

HSPA1L MAP3K7IP1

Gene Information

Entrez GeneID: 3305

Gene Name: HSPA1L

Gene Alias: HSP70-1L,HSP70-HOM,HSP70T,hum70t

Gene Description: heat shock 70kDa protein 1-like

Omim ID: 140559

Gene Ontology: Hyperlink

Gene Summary: This gene encodes a 70kDa heat shock protein. In conjunction with other heat shock proteins, this protein stabilizes existing proteins against aggregation and mediates the folding of newly translated proteins in the cytosol and in organelles. The gene is located in the major histocompatibility complex class III region, in a cluster with two closely related genes which also encode isoforms of the 70kDa heat shock protein. [provided by RefSeq

Other Designations: OTTHUMP00000029295,heat shock 10kDa protein 1-like,heat shock 70kD protein-like 1

Gene Information

Entrez GeneID: 10454

Gene Name: MAP3K7IP1

Gene Alias: 3'-Tab1,MGC57664,TAB1

Gene Description: mitogen-activated protein kinase kinase kinase 7 interacting protein 1

Omim ID: 602615

Gene Ontology: Hyperlink

Gene Summary: The protein encoded by this gene was identified as a regulator of the MAP kinase kinase kinase MAP3K7/TAK1, which is known to mediate various intracellular signaling pathways, such as those induced by TGF beta, interleukin 1, and WNT-1. This protein interacts and thus activates TAK1 kinase. It has been shown that the C-terminal portion of this protein is sufficient for binding and activation of TAK1, while a portion of the N-terminus acts as a dominant-negative inhibitor of TGF beta,

	suggesting that this protein may function as a mediator between TGF beta receptors and TAK1. This protein can also interact with and activate the mitogen-activated protein kinase 14 (MAPK14/p38alpha), and thus represents an alternative activation pathway, in addition to the MAPKK pathways, which contributes to the biological responses of MAPK14 to various stimuli. Alternatively spliced transcript variants encoding distinct isoforms have been reported. [provided by RefSeq
Other Designations:	TAK1-binding protein 1,transforming growth factor beta-activated kinase-binding protein 1