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- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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MAP3K7 & HSPA1L Protein Protein Interaction Antibody Pair

Catalog # : DI0527

規格 : [1 Set]

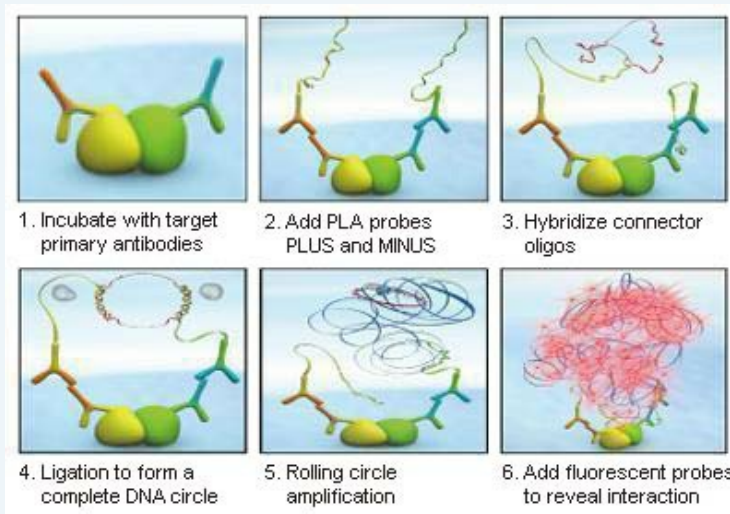
List All

Specification

Product Description: This protein protein interaction antibody pair set comes with two antibodies to detect the protein-protein interaction, one against the MAP3K7 protein, and the other against the HSPA1L protein for use in *in situ* Proximity Ligation Assay. See Publication Reference below.

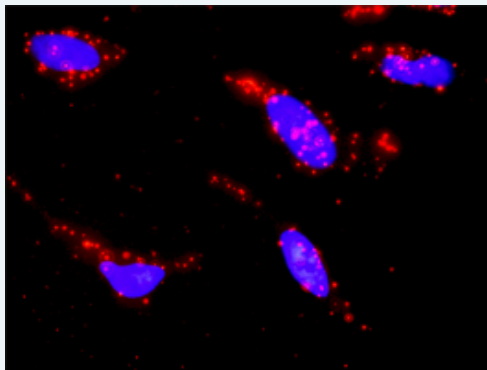
Application Image

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 MAP3K7 and HSPA1L. HeLa cells were stained with anti-MAP3K7 rabbit purified polyclonal antibody 1:1200 and anti-HSPA1L 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. MAP3K7 rabbit purified polyclonal antibody (20 ug)
 2. HSPA1L 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:

 [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](#) [MAP3K7](#)

Gene Information

Entrez GeneID: [6885](#)

Gene Name: MAP3K7

Gene Alias: TAK1,TGF1a

Gene Description: mitogen-activated protein kinase kinase kinase 7

Omim ID: [602614](#)

Gene Ontology: [Hyperlink](#)

Gene Summary: The protein encoded by this gene is a member of the serine/threonine protein kinase family. This kinase mediates the signaling transduction induced by TGF beta and morphogenetic protein (BMP), and controls a variety of cell functions including transcription regulation and apoptosis. In response to IL-1, this protein forms a kinase complex including TRAF6, MAP3K7P1/TAB1 and MAP3K7P2/TAB2; this complex is required for the activation of nuclear factor kappa B. This kinase can also activate MAPK8/JNK, MAP2K4/MKK4, and thus plays a role in the cell response to environmental stresses. Four alternatively spliced transcript variants encoding distinct isoforms have been reported. [provided by RefSeq]

Other Designations: OTTHUMP00000016870,OTTHUMP00000016871,OTTHUMP00000016872,OTTHUMP00000016873,TGF-beta activated kinase 1,transforming growth factor-beta-activated kinase 1

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](#)

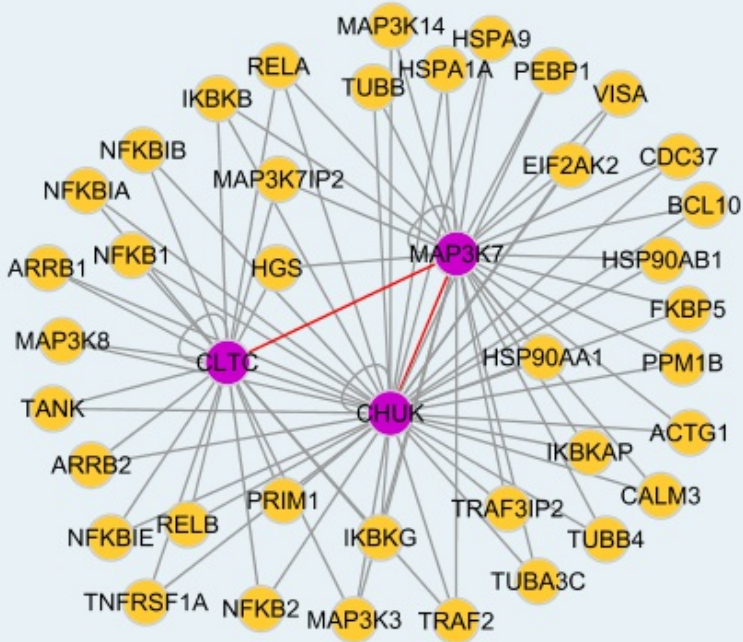
Gene Ontology: [Hyperlink](#)

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

Interactome



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