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Produktinformation

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See the following pages for more information!

Lieferung & Zahlungsart

siehe unsere Liefer- und Versandbedingungen

Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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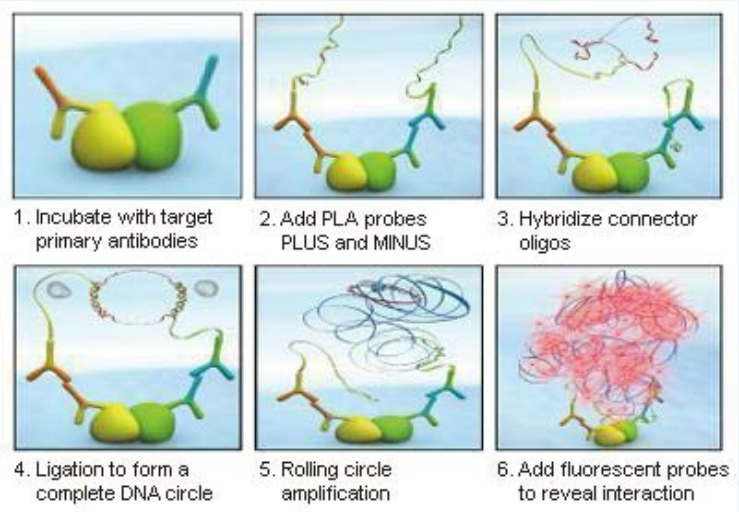
MAPK3 & DAPK1 Protein Protein Interaction Antibody Pair

Catalog # : DI0146 **規格 :** [1 Set]

List All

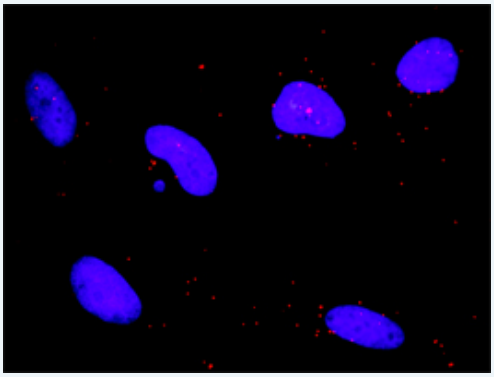
Specification

Product Description: This protein protein interaction antibody pair set comes with two antibodies to detect the protein-protein interaction, one against the MAPK3 protein, and the other against the DAPK1 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 MAPK3 and DAPK1. HeLa cells were stained with anti-MAPK3 rabbit purified polyclonal antibody 1:1200 and anti-DAPK1 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. MAPK3 rabbit purified polyclonal antibody (20 ug)
2. DAPK1 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)**

DAPK1 MAPK3

Gene Information

Entrez GeneID: 5595

Gene Name: MAPK3

Gene Alias: ERK1,HS44KDAP,HUMKER1A,MGC20180,P44ERK1,P44MAPK,PRKM3

Gene Description: mitogen-activated protein kinase 3

Omim ID: 601795

Gene Ontology: Hyperlink

Gene Summary: The protein encoded by this gene is a member of the MAP kinase family. MAP kinases, also known as extracellular signal-regulated kinases (ERKs), act in a signaling cascade that regulates various cellular processes such as proliferation, differentiation, and cell cycle progression in response to a variety of extracellular signals. This kinase is activated by upstream kinases, resulting in its translocation to the nucleus where it phosphorylates nuclear targets. Alternatively spliced transcript variants encoding different protein isoforms have been described. [provided by RefSeq

Other Designations: OTTHUMP00000174538,OTTHUMP00000174540,extracellular signal-regulated kinase 1,extracellular signal-related kinase 1

Gene Information

Entrez GeneID: 1612

Gene Name: DAPK1

Gene Alias: DAPK,DKFZp781I035

Gene Description: death-associated protein kinase 1

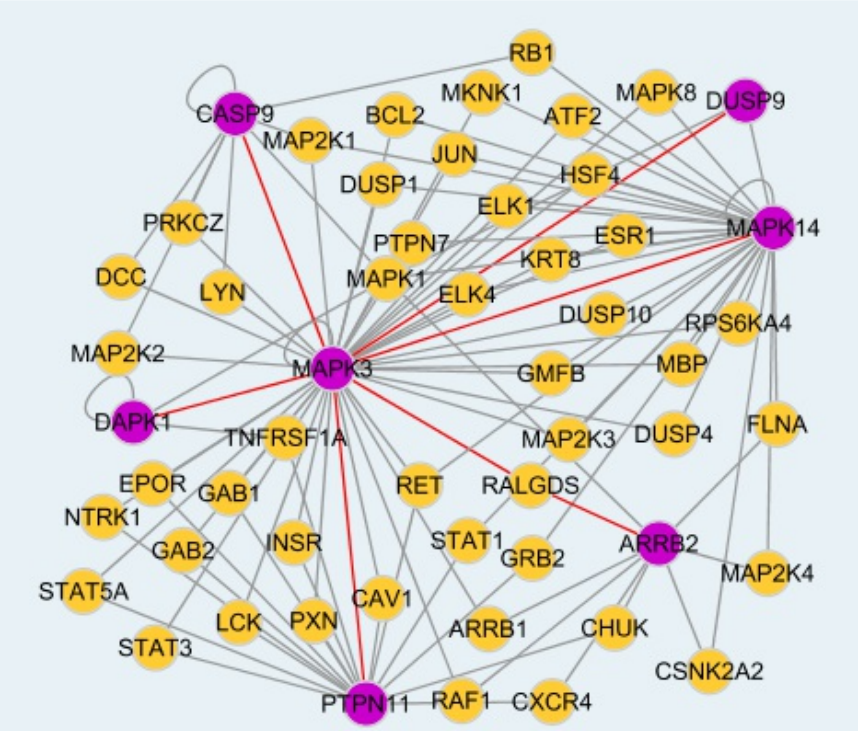
Omim ID: 600831

Gene Ontology: Hyperlink

Gene Summary: Death-associated protein kinase 1 is a positive mediator of gamma-interferon induced programmed cell death. DAPK1 encodes a structurally unique 160-kD calmodulin dependent serine-threonine kinase that carries 8 ankyrin repeats and 2 putative P-loop consensus sites. It is a tumor suppressor candidate. [provided by RefSeq

Other Designations: -

Interactome 1



Interactome 2