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Lieferung & Zahlungsart

siehe unsere Liefer- und Versandbedingungen

Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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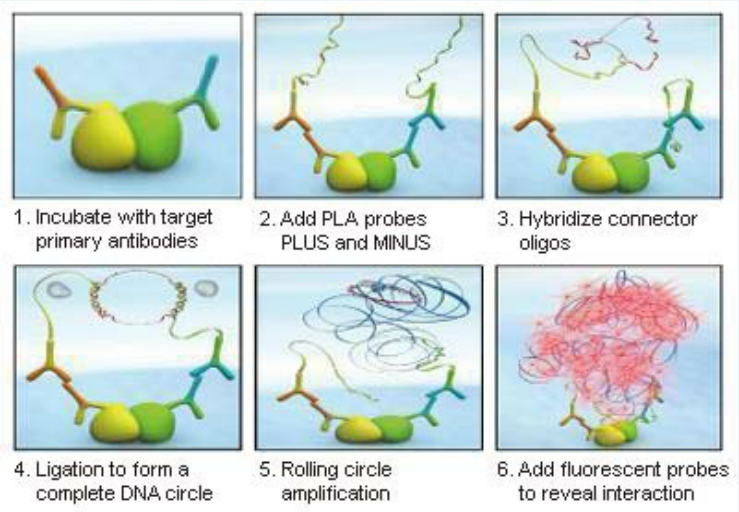
MAP2K6 & GADD45A Protein Protein Interaction Antibody Pair

Catalog # : DI0487 **規格 :** [1 Set]

List All

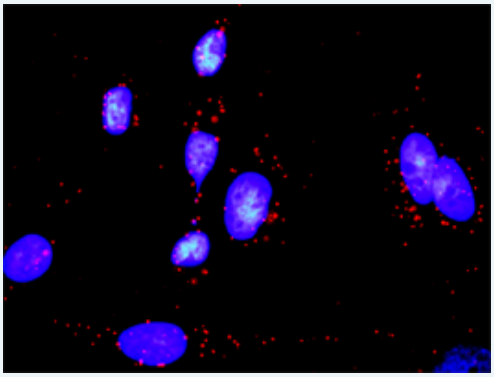
Specification

Product Description: This protein protein interaction antibody pair set comes with two antibodies to detect the protein-protein interaction, one against the MAP2K6 protein, and the other against the GADD45A 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 MAP2K6 and GADD45A. HeLa cells were stained with anti-MAP2K6 rabbit purified polyclonal antibody 1:1200 and anti-GADD45A 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. MAP2K6 rabbit purified polyclonal antibody (20 ug)
2. GADD45A 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)**

GADD45A MAP2K6

Gene Information

Entrez GeneID: 5608

Gene Name: MAP2K6

Gene Alias: MAPKK6,MEK6,MKK6,PRKMK6,SAPKK3

Gene Description: mitogen-activated protein kinase kinase 6

Omim ID: 601254

Gene Ontology: Hyperlink

Gene Summary: This gene encodes a member of the dual specificity protein kinase family, which functions as a mitogen-activated protein (MAP) kinase kinase. MAP kinases, also known as extracellular signal-regulated kinases (ERKs), act as an integration point for multiple biochemical signals. This protein phosphorylates and activates p38 MAP kinase in response to inflammatory cytokines or environmental stress. As an essential component of p38 MAP kinase mediated signal transduction pathway, this gene is involved in many cellular processes such as stress induced cell cycle arrest, transcription activation and apoptosis. [provided by RefSeq

Other Designations: protein kinase, mitogen-activated, kinase 6 (MAP kinase kinase 6)

Gene Information

Entrez GeneID: 1647

Gene Name: GADD45A

Gene Alias: DDIT1,GADD45

Gene Description: growth arrest and DNA-damage-inducible, alpha

Omim ID: 126335

Gene Ontology: Hyperlink

Gene Summary: This gene is a member of a group of genes whose transcript levels are increased following stressful growth arrest conditions and treatment with DNA-damaging agents. The protein encoded by this gene responds to environmental stresses by mediating activation of the p38/JNK pathway

	via MTK1/MEKK4 kinase. The DNA damage-induced transcription of this gene is mediated by both p53-dependent and -independent mechanisms. [provided by RefSeq
Other Designations:	DNA damage-inducible transcript 1,DNA damage-inducible transcript-1,DNA-damage-inducible transcript 1,OTTHUMP00000010979,growth arrest and DNA-damage-inducible 45 alpha