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- Expressversand

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GSK3B & JUN Protein Protein Interaction Antibody Pair

Catalog # : DI0559

規格 : [1 Set]

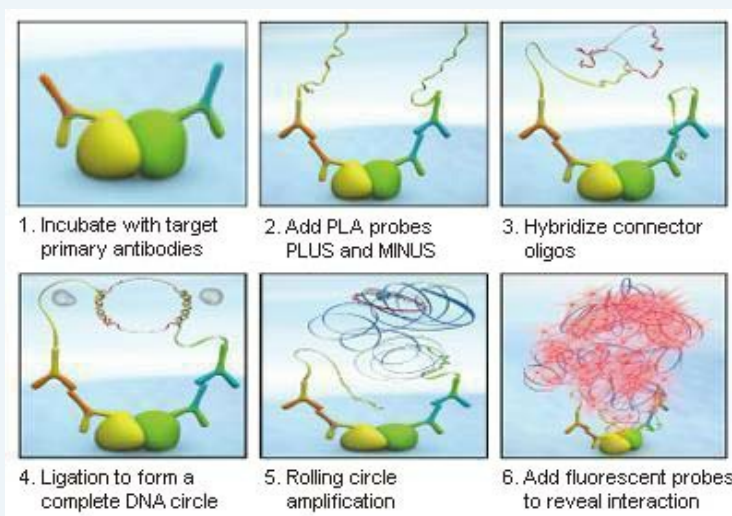
List All

Specification

Product Description: This protein protein interaction antibody pair set comes with two antibodies to detect the protein-protein interaction, one against the GSK3B protein, and the other against the JUN protein for use in *in situ* Proximity Ligation Assay. See Publication Reference below.

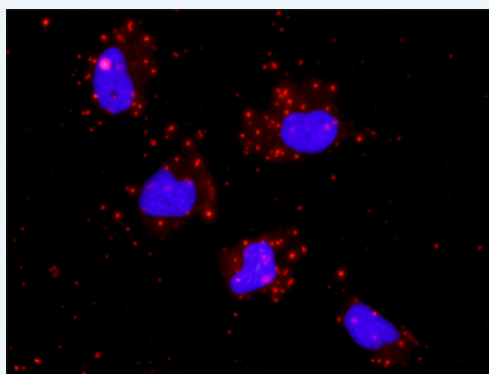
Application Image

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 GSK3B and JUN. HeLa cells were stained with anti-GSK3B rabbit purified polyclonal antibody 1:1200 and anti-JUN mouse purified polyclonal 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. GSK3B rabbit purified polyclonal antibody (20 ug)
 2. JUN mouse purified polyclonal 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:

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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)

[GSK3B](#) [JUN](#)

Gene Information

Entrez GeneID: [2932](#)

Gene Name: GSK3B

Gene Alias: -

Gene Description: glycogen synthase kinase 3 beta

Omim ID: [605004](#)

Gene Ontology: [Hyperlink](#)

Gene Summary: The protein encoded by this gene is a serine-threonine kinase, belonging to the glycogen synthase kinase subfamily. It is involved in energy metabolism, neuronal cell development, and body pattern formation. Polymorphisms in this gene have been implicated in modifying risk of Parkinson disease, and studies in mice show that overexpression of this gene may be relevant to the pathogenesis of Alzheimer disease. Alternatively spliced transcript variants encoding different isoforms have been found for this gene

Other Designations: GSK3beta isoform, glycogen synthase kinase-3 beta

Gene Information

Entrez GeneID: [3725](#)

Gene Name: JUN

Gene Alias: AP-1, AP1, c-Jun

Gene Description: jun oncogene

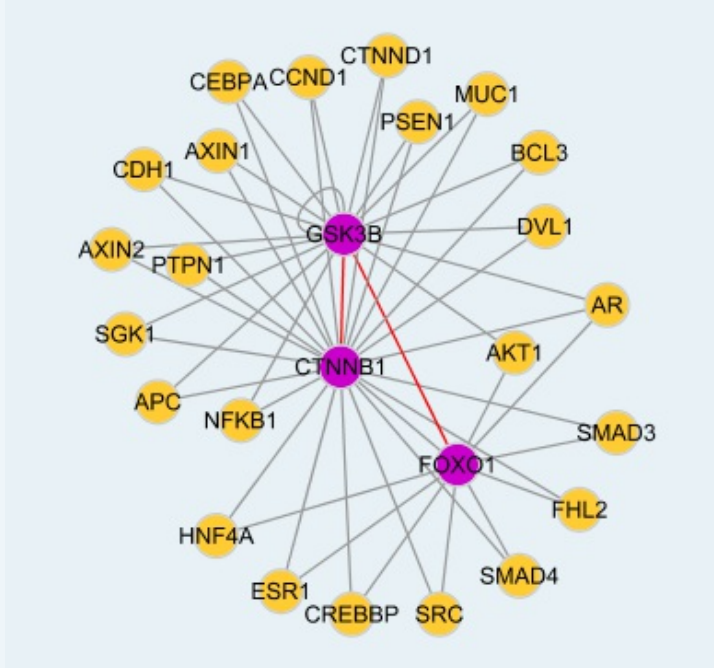
Omim ID: [165160](#)

Gene Ontology: [Hyperlink](#)

Gene Summary: This gene is the putative transforming gene of avian sarcoma virus 17. It encodes a protein which is highly similar to the viral protein, and which interacts directly with specific target DNA sequences to regulate gene expression. This gene is intronless and is mapped to 1p32-p31, a chromosomal region involved in both translocations and deletions in human malignancies. [provided by RefSeq]

Other Designations: Jun activation domain binding protein, OTTHUMP00000010036, activator protein 1, enhancer-binding protein AP1, v-jun avian sarcoma virus 17 oncogene homolog, v-jun sarcoma virus 17 oncogene homolog

Interactome



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