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Zuschläge

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HSPB1 & DAXX Protein Protein Interaction Antibody Pair

Catalog # : DI0524

規格 : [1 Set]

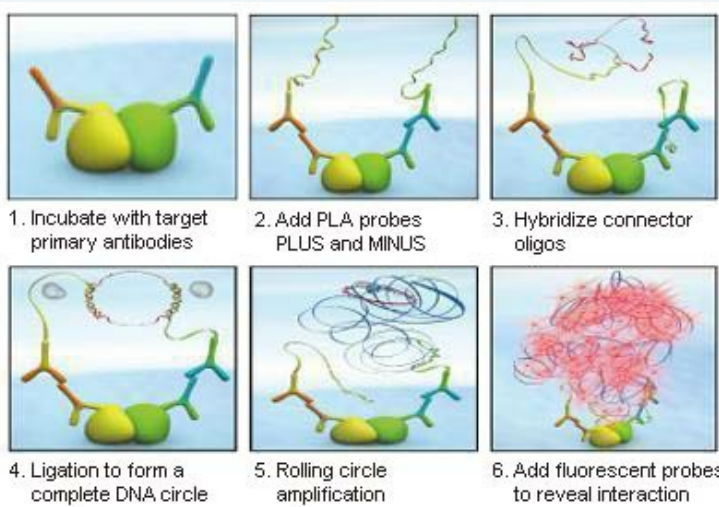
List All

Specification

Product Description: This protein protein interaction antibody pair set comes with two antibodies to detect the protein-protein interaction, one against the HSPB1 protein, and the other against the DAXX protein for use in *in situ* Proximity Ligation Assay. See Publication Reference below.

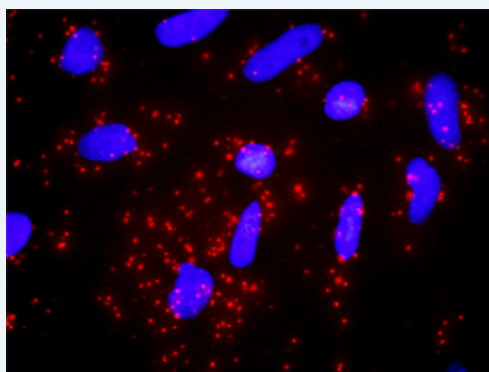
Application Image

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 HSPB1 and DAXX. HeLa cells were stained with anti-HSPB1 rabbit purified polyclonal antibody 1:1200 and anti-DAXX 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. HSPB1 rabbit purified polyclonal antibody (20 ug)
 2. DAXX 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 -

MSDS:



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)**

DAXX HSPB1

Gene Information

Entrez GeneID: 3315

Gene Name: HSPB1

Gene Alias: CMT2F, DKFZp586P1322, HMN2B, HS.76067, HSP27, HSP28, Hsp25, SRP27

Gene Description: heat shock 27kDa protein 1

Omim ID: 602195, 606595, 608634

Gene Ontology: Hyperlink

Gene Summary: The protein encoded by this gene is induced by environmental stress and developmental changes. The encoded protein is involved in stress resistance and actin organization and translocates from the cytoplasm to the nucleus upon stress induction. Defects in this gene are a cause of Charcot-Marie-Tooth disease type 2F (CMT2F) and distal hereditary motor neuropathy (dHMN). [provided by RefSeq]

Other Designations: OTTHUMP00000024846, estrogen-regulated 24 kDa protein, heat shock 27kD protein 1, heat shock protein beta-1, stress-responsive protein 27

Gene Information

Entrez GeneID: 1616

Gene Name: DAXX

Gene Alias: BING2, DAP6, EAP1, MGC126245, MGC126246

Gene Description: death-domain associated protein

Omim ID: 603186

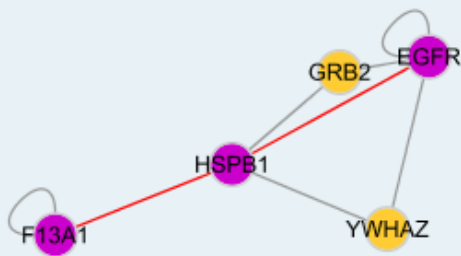
Gene Ontology: Hyperlink

Gene Summary: This gene encodes a multifunctional protein that resides in multiple locations in the nucleus and in the cytoplasm. It interacts with a wide variety of proteins, such as apoptosis antigen Fas, centromere protein C, and transcription factor erythroblastosis virus E26 oncogene homolog 1. In the nucleus, the encoded protein functions as a potent transcription repressor that binds to sumoylated transcription factors. Its repression can be relieved by the sequestration of this protein into

promyelocytic leukemia nuclear bodies or nucleoli. This protein also associates with centromeres in G2 phase. In the cytoplasm, the encoded protein may function to regulate apoptosis. The subcellular localization and function of this protein are modulated by post-translational modifications, including sumoylation, phosphorylation and polyubiquitination. Alternative splicing results in multiple transcript variants. [provided by RefSeq]

Other Designations: CENP-C binding protein,ETS1-associated protein 1,Fas-binding protein,OTTHUMP00000029289,OTTHUMP00000029290,death-associated protein 6

Interactome



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