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Zuschläge

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HSP90AB1 & GNAI2 Protein Protein Interaction Antibody Pair

產品編號 # : DI0221

規格 : [1 Set]

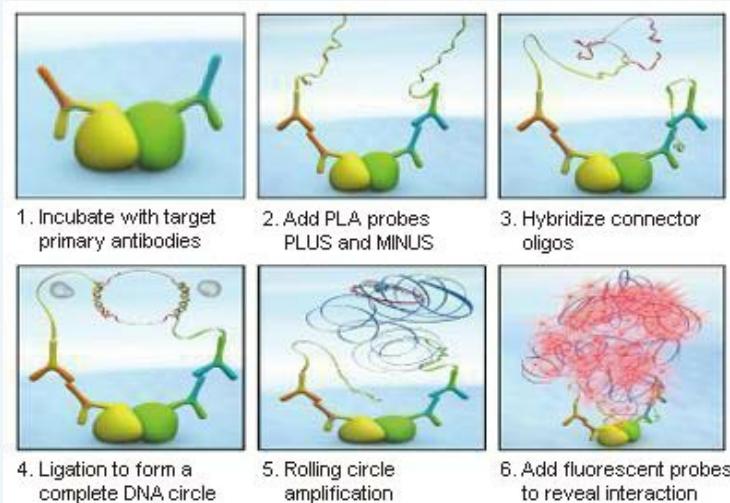
List All

Specification

Product Description: This protein protein interaction antibody pair set comes with two antibodies to detect the protein-protein interaction, one against the HSP90AB1 protein, and the other against the GNAI2 protein for use in *in situ* Proximity Ligation Assay. See Publication Reference below.

Application Image

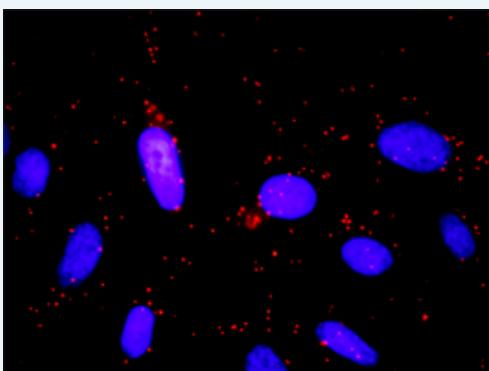
In situ Proximity Ligation Assay (Cell)



Reactivity: Human

Quality Control Protein protein interaction immunofluorescence result.

Testing:



Representative image of Proximity Ligation Assay of protein-protein interactions between HSP90AB1 and GNAI2. HeLa cells were stained with anti-HSP90AB1 rabbit purified polyclonal antibody 1:1200 and anti-GNAI2 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. HSP90AB1 rabbit purified polyclonal antibody (20 ug)
2. GNAI2 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, Jiang 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)

[GNAI2_HSP90AB1](#)

Gene Information

Entrez GeneID: [3326](#)

Gene Name: HSP90AB1

Gene Alias: D6S182,FLJ26984,HSP90-BETA,HSP90B,HSPC2,HSPCB

Gene Description: heat shock protein 90kDa alpha (cytosolic), class B member 1

Omim ID: [140572](#)

Gene Ontology: [Hyperlink](#)

Gene Summary: HSP90 proteins are highly conserved molecular chaperones that have key roles in signal transduction, protein folding, protein degradation, and morphologic evolution. HSP90 proteins normally associate with other cochaperones and play important roles in folding newly synthesized proteins or stabilizing and refolding denatured proteins after stress. There are 2 major cytosolic HSP90 proteins, HSP90AA1 (MIM 140571), an inducible form, and HSP90AB1, a constitutive form. Other HSP90 proteins are found in endoplasmic reticulum (HSP90B1; MIM 191175) and mitochondria (TRAP1; MIM 606219) (Chen et al., 2005 [PubMed 16269234]).[supplied by OMIM]

Other Designations: OTTHUMP00000016517,OTTHUMP00000016518,OTTHUMP00000016519,OTTHUMP00000039869,heat shock 90kD protein 1, beta,heat shock 90kDa protein 1, beta,heat shock protein beta

Gene Information

Entrez GeneID: [2771](#)

Gene Name: GNAI2

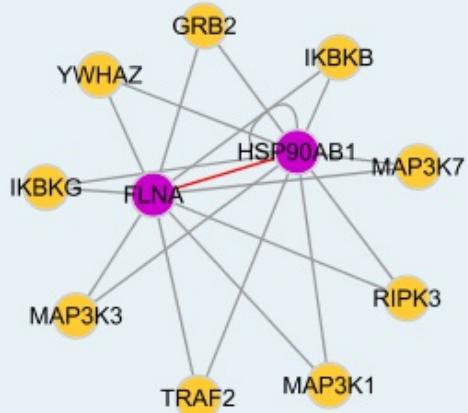
Gene Alias: GIP,GNAI2B,H_LUCA15.1,H_LUCA16.1

Gene Description: guanine nucleotide binding protein (G protein), alpha inhibiting activity polypeptide 2

Omim ID: [139360, 192605](#)

Gene Ontology: [Hyperlink](#)

Other Designations: GTP-binding regulatory protein Gi alpha-2 chain,WUGSC:H_LUCA15.1,WUGSC:H_LUCA16.1



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