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Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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WNT5A & FZD5 Protein Protein Interaction Antibody Pair

Catalog # : DI0585

規格 : [1 Set]

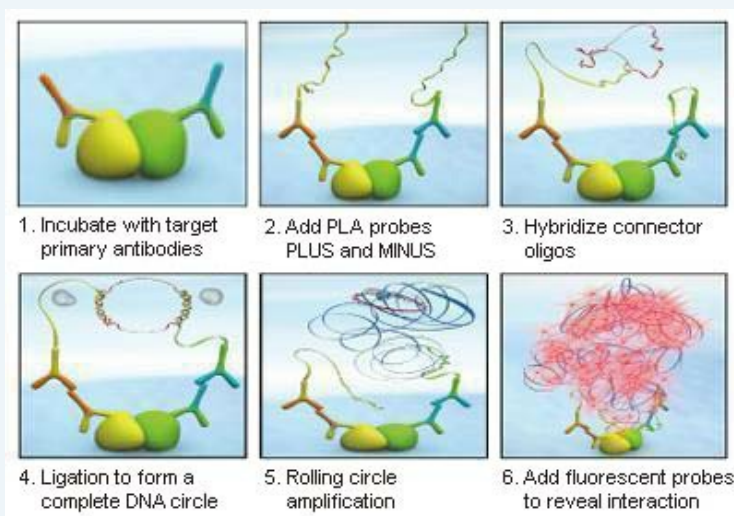
List All

Specification

Product Description: This protein protein interaction antibody pair set comes with two antibodies to detect the protein-protein interaction, one against the WNT5A protein, and the other against the FZD5 protein for use in *in situ* Proximity Ligation Assay. See Publication Reference below.

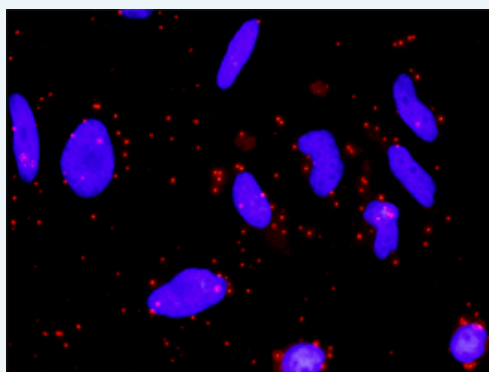
Application Image

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 WNT5A and FZD5. HeLa cells were stained with anti-WNT5A rabbit purified polyclonal antibody 1:1200 and anti-FZD5 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. WNT5A rabbit purified polyclonal antibody (20 ug)
 2. FZD5 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)

WNT5A FZD5

Gene Information

Entrez GeneID: [7474](#)

Gene Name: WNT5A

Gene Alias: hWNT5A

Gene Description: wingless-type MMTV integration site family, member 5A

Omim ID: [164975](#)

Gene Ontology: [Hyperlink](#)

Gene Summary: The WNT gene family consists of structurally related genes which encode secreted signaling proteins. These proteins have been implicated in oncogenesis and in several developmental processes, including regulation of cell fate and patterning during embryogenesis. This gene is a member of the WNT gene family. It encodes a protein which shows 98%, 98% and 87% amino acid identity to the mouse, rat and the xenopus Wnt5A protein, respectively. The experiments performed in *Xenopus laevis* embryos identified that human frizzled-5 (hFz5) is the receptor for the Wnt5A ligand and the Wnt5A/hFz5 signaling mediates axis induction. [provided by RefSeq]

Other Designations: WNT-5A protein

Gene Information

Entrez GeneID: [7855](#)

Gene Name: FZD5

Gene Alias: C2orf31, DKFZp434E2135, HFZ5, MGC129692

Gene Description: frizzled homolog 5 (*Drosophila*)

Omim ID: [601723](#)

Gene Ontology: [Hyperlink](#)

Gene Summary: Members of the 'frizzled' gene family encode 7-transmembrane domain proteins that are receptors for Wnt signaling proteins. The FZD5 protein is believed to be the receptor for the Wnt5A ligand. [provided by RefSeq]

Other

Wnt receptor,frizzled 5,seven-transmembrane receptor frizzled-5

Designations:
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