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Lieferung & Zahlungsart

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Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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BUB1 & APC Protein Protein Interaction Antibody Pair

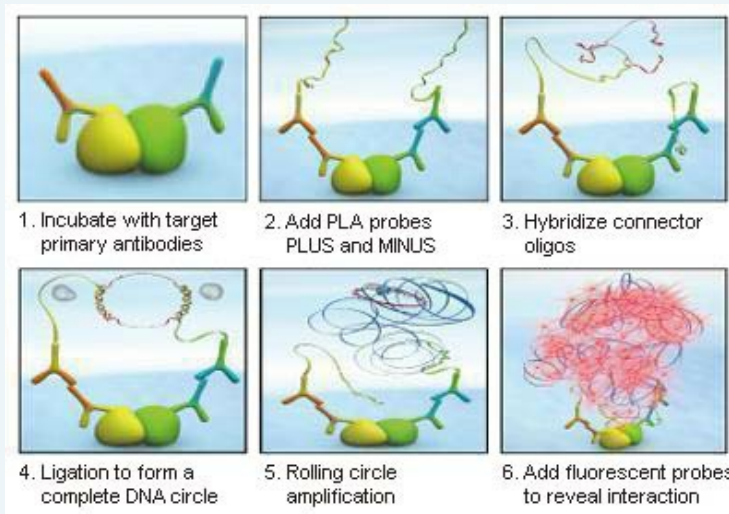
Catalog # : DI0053

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 BUB1 protein, and the other against the APC protein for use in *in situ* Proximity Ligation Assay. See Publication Reference below.

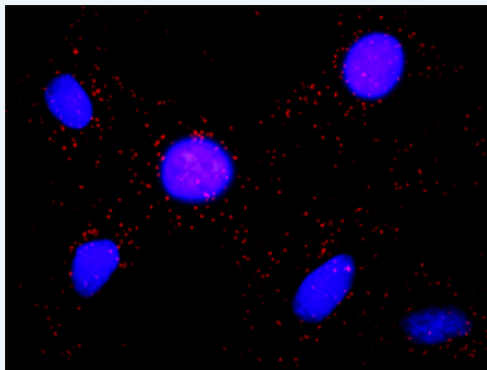


Application Image

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 BUB1 and APC. HeLa cells were stained with anti-BUB1 rabbit purified polyclonal antibody 1:1200 and anti-APC 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. BUB1 rabbit purified polyclonal antibody (20 ug)
 2. APC 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, 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)

[APC](#) [BUB1](#)

Gene Information

Entrez GeneID: [699](#)

Gene Name: BUB1

Gene Alias: BUB1A,BUB1L,hBUB1

Gene Description: budding uninhibited by benzimidazoles 1 homolog (yeast)

Omim ID: [602452](#)

Gene Ontology: [Hyperlink](#)

Gene Summary: This gene encodes a kinase involved in spindle checkpoint function. The kinase functions in part by phosphorylating a member of the mitotic checkpoint complex and activating the spindle checkpoint. Mutations in this gene have been associated with aneuploidy and several forms of cancer. [provided by RefSeq]

Other Designations: BUB1 budding uninhibited by benzimidazoles 1 homolog,budding uninhibited by benzimidazoles 1,mitotic spindle checkpoint kinase,putative serine/threonine-protein kinase

Gene Information

Entrez GeneID: [324](#)

Gene Name: APC

Gene Alias: BTPS2,DP2,DP2.5,DP3,GS

Gene Description: adenomatous polyposis coli

Omim ID: [135290](#), [137215](#), [155255](#), [175100](#), [276300](#)

Gene Ontology: [Hyperlink](#)

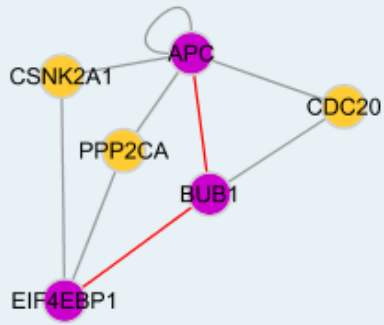
Gene Summary: This gene encodes a tumor suppressor protein that acts as an antagonist of the Wnt signaling pathway. It is also involved in other processes including cell migration and adhesion, transcriptional activation, and apoptosis. Defects in this gene cause familial adenomatous polyposis (FAP), an autosomal dominant pre-malignant disease that usually progresses to malignancy. Disease-associated mutations tend to be clustered in a small region designated the mutation cluster region (MCR) and result in a truncated protein product.

[provided by RefSeq]

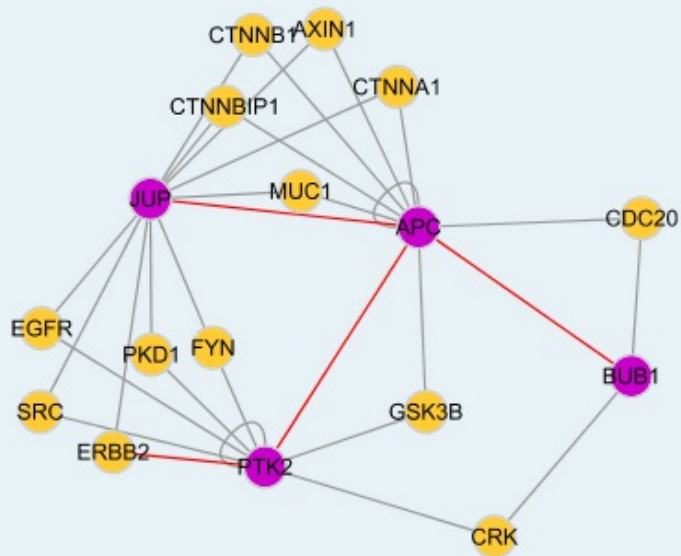
Other adenomatosis polyposis coli tumor suppressor

Designations:

Interactome 1



Interactome 2



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