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Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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NCK1 & GHR Protein Protein Interaction Antibody Pair

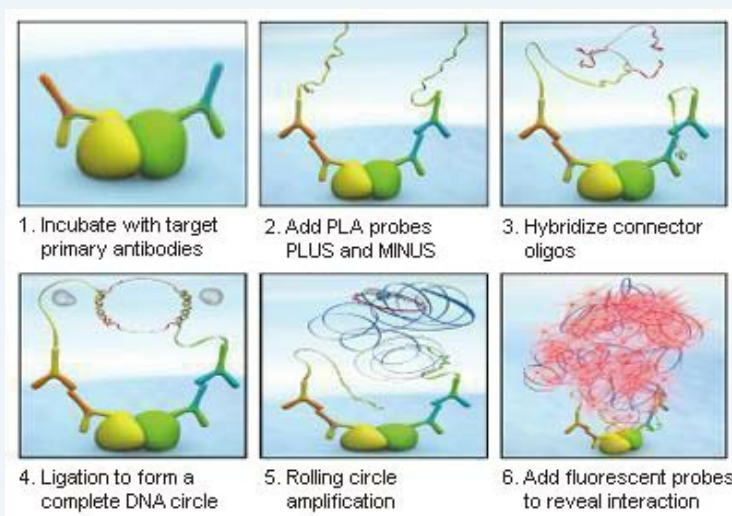
Catalog # : DI0216

規格 : [1 Set]

List All

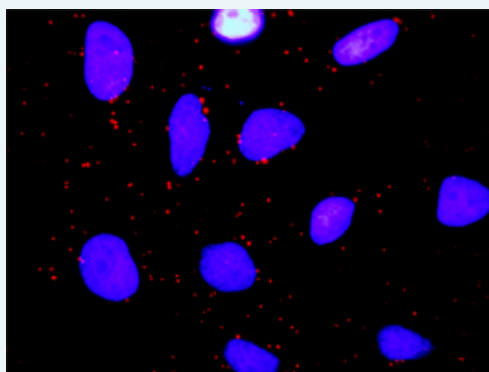
Specification

Product Description: This protein protein interaction antibody pair set comes with two antibodies to detect the protein-protein interaction, one against the NCK1 protein, and the other against the GHR protein for use in *in situ* Proximity Ligation Assay. See Publication Reference below.



Reactivity: Human

Quality Control Testing: Protein protein interaction immunofluorescence result.



Representative image of Proximity Ligation Assay of protein-protein interactions between NCK1 and GHR. HeLa cells were stained with anti-NCK1 rabbit purified polyclonal antibody 1:1200 and anti-GHR 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. NCK1 rabbit purified polyclonal antibody (20 ug)
 2. GHR 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 -

Application Image

In situ Proximity Ligation Assay (Cell)

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)

[GHR](#) [NCK1](#)

Gene Information

Entrez GeneID: [4690](#)

Gene Name: NCK1

Gene Alias: MGC12668,NCK,NCKalpha

Gene Description: NCK adaptor protein 1

Omim ID: [600508](#)

Gene Ontology: [Hyperlink](#)

Gene Summary: The protein encoded by this gene is one of the signaling and transforming proteins containing Src homology 2 and 3 (SH2 and SH3) domains. It is located in the cytoplasm and is an adaptor protein involved in transducing signals from receptor tyrosine kinases to downstream signal recipients such as RAS. [provided by RefSeq]

Other Designations: NCK tyrosine kinase,SH2/SH3 adaptor protein NCK-alpha,melanoma NCK protein,non-catalytic region of tyrosine kinase

Gene Information

Entrez GeneID: [2690](#)

Gene Name: GHR

Gene Alias: GHBP

Gene Description: growth hormone receptor

Omim ID: [262500](#), [600946](#)

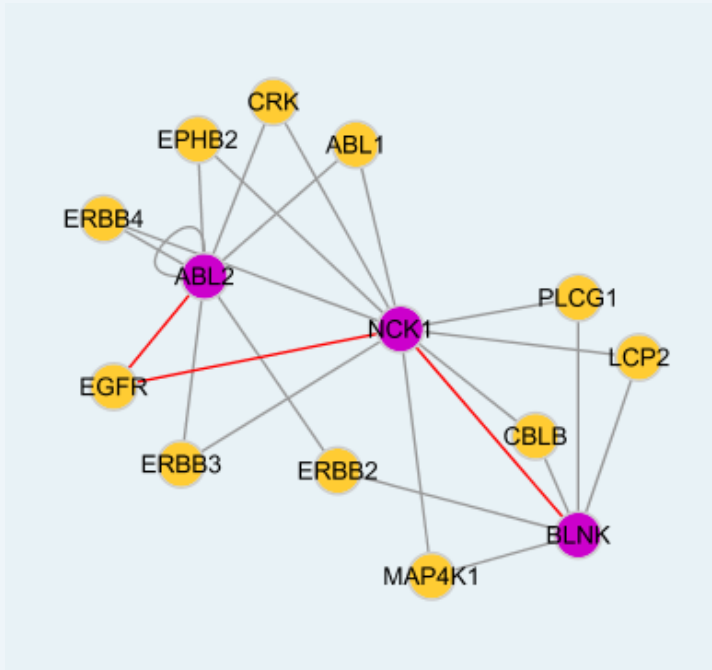
Gene Ontology: [Hyperlink](#)

Gene Summary: This gene encodes a protein that is a transmembrane receptor for growth hormone. Binding of growth hormone to the receptor leads to receptor dimerization and the activation of an intra- and intercellular signal transduction pathway leading to growth. A common alternate allele of this gene, called GHRd3, lacks exon three and has been well-characterized. Mutations in this gene have been associated with Laron syndrome, also known as the growth hormone insensitivity syndrome (GHIS), a disorder characterized by short stature. Other splice variants, including one encoding a soluble form of the protein (GHRtr), have

been observed but have not been thoroughly characterized. In humans and rabbits, but not rodents, growth hormone binding protein (GHBP) is generated by proteolytic cleavage of the extracellular ligand-binding domain from the mature growth hormone receptor protein. The precise location of this cleavage site has not been determined for the human protein

Other Designations: growth hormone binding protein, serum binding protein, somatotropin receptor

Interactome



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