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Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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PIAS2 & PIAS1 Protein Protein Interaction Antibody Pair

Catalog # : DI0331

規格 : [1 Set]

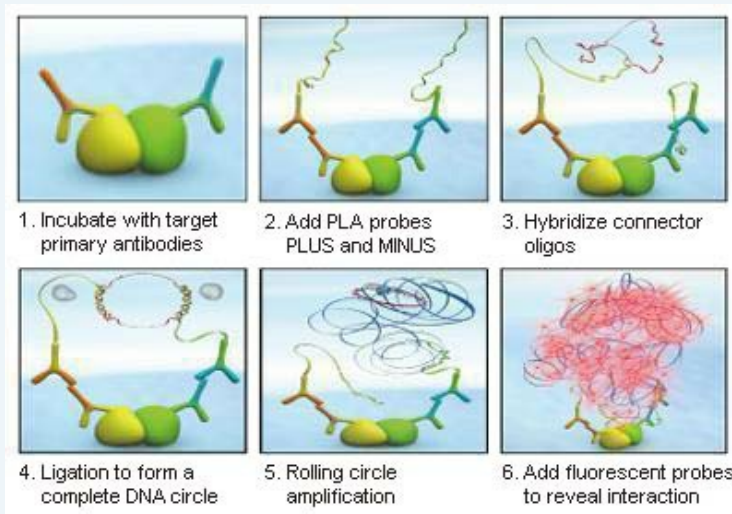
List All

Specification

Product Description: This protein protein interaction antibody pair set comes with two antibodies to detect the protein-protein interaction, one against the PIAS2 protein, and the other against the PIAS1 protein for use in *in situ* Proximity Ligation Assay. See Publication Reference below.

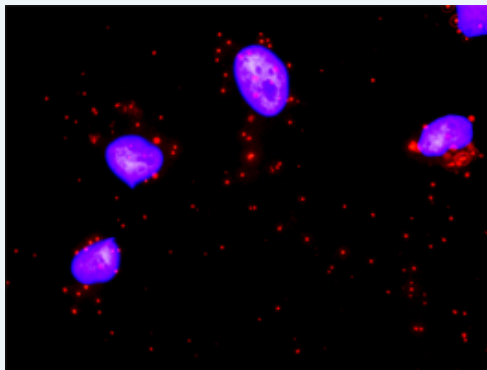
Application Image

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 PIAS2 and PIAS1. HeLa cells were stained with anti-PIAS2 rabbit purified polyclonal antibody 1:1200 and anti-PIAS1 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. PIAS2 rabbit purified polyclonal antibody (20 ug)
 2. PIAS1 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)

[PIAS1](#) [PIAS2](#)

Gene Information

Entrez GeneID: [9063](#)

Gene Name: PIAS2

Gene Alias: MGC102682,MIZ1,PIASX,PIASX-ALPHA,PIASX-BETA,SIZ2,ZMIZ4,miz

Gene Description: protein inhibitor of activated STAT, 2

Omim ID: [603567](#)

Gene Ontology: [Hyperlink](#)

Gene Summary: This gene encodes a protein involved in the regulation of transcription factors involved in MAP kinase signaling. The symbol MIZ1 has also been associated with ZBTB17 which is a different gene located on chromosome 1. Two alternatively spliced transcripts encoding different isoforms have been described. [provided by RefSeq]

Other Designations: Msx-interacting-zinc finger,protein inhibitor of activated STAT X,zinc finger, MIZ-type containing 4

Gene Information

Entrez GeneID: [8554](#)

Gene Name: PIAS1

Gene Alias: DDXBP1,GBP,GU/RH-II,MGC141878,MGC141879,ZMIZ3

Gene Description: protein inhibitor of activated STAT, 1

Omim ID: [603566](#)

Gene Ontology: [Hyperlink](#)

Gene Summary: This gene encodes a member of the mammalian PIAS [protein inhibitor of activated STAT-1 (signal transducer and activator of transcription-1)] family. This member contains a putative zinc-binding motif and a highly acidic region. It inhibits STAT1-mediated gene activation and the DNA binding activity, binds to Gu protein/RNA helicase II/DEAD box polypeptide 21, and interacts with androgen receptor (AR). It functions in testis as a nuclear receptor transcriptional coregulator and may have a role in AR initiation and maintenance of spermatogenesis. [provided by RefSeq]

Other AR interacting protein,DEAD/H (Asp-Glu-Ala-Asp/His) box binding
Designations: protein 1,protein inhibitor of activated STAT-1,zinc finger, MIZ-type containing 3

Interactome



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