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Lieferung & Zahlungsart

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Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

SZABO-SCANDIC HandelsgmbH

Quellenstraße 110, A-1100 Wien

T. +43(0)1 489 3961-0

F. +43(0)1 489 3961-7

mail@szabo-scandic.com

www.szabo-scandic.com

[linkedin.com/company/szaboscandic](https://www.linkedin.com/company/szaboscandic) 

HDAC2 & PPARD Protein Protein Interaction Antibody Pair

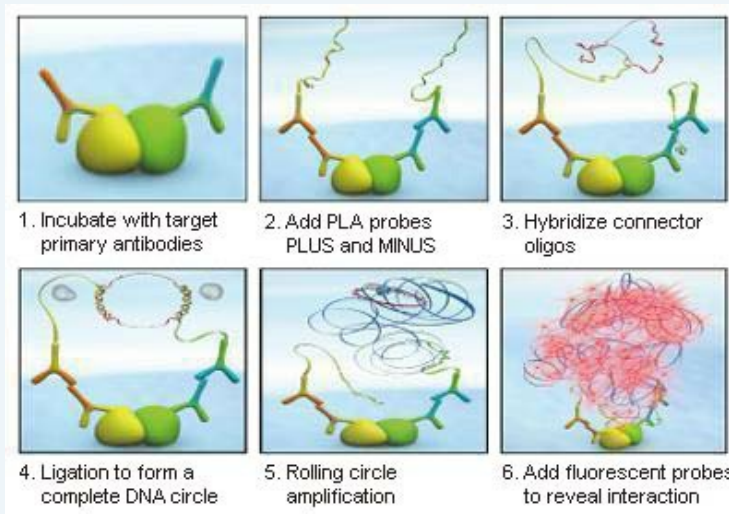
Catalog # : DI0599

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 HDAC2 protein, and the other against the PPARD protein for use in *in situ* Proximity Ligation Assay. See Publication Reference below.

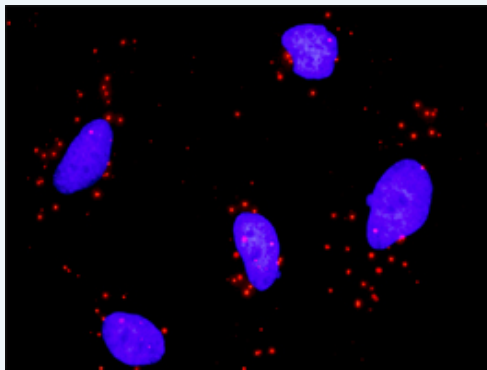


Application Image

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 HDAC2 and PPARD. HeLa cells were stained with anti-HDAC2 rabbit purified polyclonal antibody 1:1200 and anti-PPARD 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. HDAC2 rabbit purified polyclonal antibody (20 ug)
 2. PPARD 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)

[HDAC2](#) [PPARD](#)

Gene Information

Entrez GeneID: [3066](#)

Gene Name: HDAC2

Gene Alias: RPD3,YAF1

Gene Description: histone deacetylase 2

Omim ID: [605164](#)

Gene Ontology: [Hyperlink](#)

Gene Summary: This gene product belongs to the histone deacetylase family. Histone deacetylases act via the formation of large multiprotein complexes and are responsible for the deacetylation of lysine residues on the N-terminal region of the core histones (H2A, H2B, H3 and H4). This protein also forms transcriptional repressor complexes by associating with many different proteins, including YY1, a mammalian zinc-finger transcription factor. Thus it plays an important role in transcriptional regulation, cell cycle progression and developmental events. [provided by RefSeq]

Other Designations: OTTHUMP00000040427,YY1-associated factor 1,transcriptional regulator homolog RPD3

Gene Information

Entrez GeneID: [5467](#)

Gene Name: PPARD

Gene Alias: FAAR,MGC3931,NR1C2,NUC1,NUCI,NUCII,PPAR-beta,PPARB

Gene Description: peroxisome proliferator-activated receptor delta

Omim ID: [600409](#)

Gene Ontology: [Hyperlink](#)

Gene Summary: This gene encodes a member of the peroxisome proliferator-activated receptor (PPAR) family. PPARs are nuclear hormone receptors that bind peroxisome proliferators and control the size and number of peroxisomes produced by cells. PPARs mediate a variety of biological processes, and may be involved in the development of several chronic diseases, including diabetes, obesity, atherosclerosis, and cancer. This

protein is a potent inhibitor of ligand-induced transcription activity of PPAR alpha and PPAR gamma. It may function as an integrator of transcription repression and nuclear receptor signaling. The expression of this gene is found to be elevated in colorectal cancer cells. The elevated expression can be repressed by adenomatosis polyposis coli (APC), a tumor suppressor protein related to APC/beta-catenin signaling pathway. Knockout studies in mice suggested the role of this protein in myelination of the corpus callosum, lipid metabolism, and epidermal cell proliferation. [provided by RefSeq]

Other Designations: OTTHUMP00000016256,nuclear hormone receptor 1,peroxisome proliferative activated receptor, delta

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