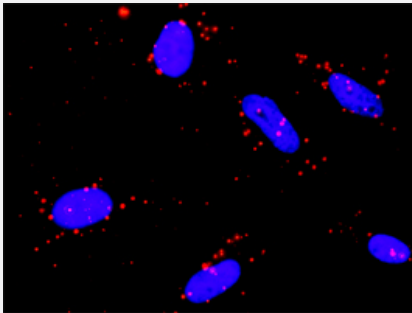


NR4A1 & RPS6KA5 Protein Protein Interaction Antibody Pair

Catalog # DI0537

Size 1 Set

Applications



Representative image of Proximity Ligation Assay of protein-protein interactions between NR4A1 and RPS6KA5. HeLa cells were stained with anti-NR4A1 rabbit purified polyclonal antibody 1:1200 and anti-RPS6KA5 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.

Specification

Product Description

This protein protein interaction antibody pair set comes with two antibodies to detect the protein-protein interaction, one against the NR4A1 protein, and the other against the RPS6KA5 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 NR4A1 and RPS6KA5. HeLa cells were stained with anti-NR4A1 rabbit purified polyclonal antibody 1:1200 and anti-RPS6KA5 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. NR4A1 rabbit purified polyclonal antibody (100 ug)
2. RPS6KA5 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.

Applications

- *In situ* Proximity Ligation Assay (Cell)

Gene Info — NR4A1

| | |
|--------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Entrez GeneID | 3164 |
| Gene Name | NR4A1 |
| Gene Alias | GFRP1, HMR, MGC9485, N10, NAK-1, NGFIB, NP10, NUR77, TR3 |
| Gene Description | nuclear receptor subfamily 4, group A, member 1 |
| Omim ID | 139139 |
| Gene Ontology | Hyperlink |
| Gene Summary | This gene encodes a member of the steroid-thyroid hormone-retinoid receptor superfamily. Expression is induced by phytohemagglutinin in human lymphocytes and by serum stimulation of arrested fibroblasts. The encoded protein acts as a nuclear transcription factor. Translocation of the protein from the nucleus to mitochondria induces apoptosis. Multiple alternatively spliced variants, encoding the same protein, have been identified. [provided by RefSeq] |
| Other Designations | TR3 orphan receptor early response protein NAK1 growth factor-inducible nuclear protein N10 hormone receptor orphan nuclear receptor HMR steroid receptor TR3 |

Gene Info — RPS6KA5

| | |
|--------------------|-------------------------------------------------------------------------------------------------|
| Entrez GeneID | 9252 |
| Gene Name | RPS6KA5 |
| Gene Alias | MGC1911, MSK1, MSPK1, RLPK |
| Gene Description | ribosomal protein S6 kinase, 90kDa, polypeptide 5 |
| Omim ID | 603607 |
| Gene Ontology | Hyperlink |
| Gene Summary | 90kDa |
| Other Designations | mitogen- and stress-activated protein kinase 1 ribosomal protein S6 kinase, 90kD, polypeptide 5 |

Pathway

- [Bladder cancer](#)
- [MAPK signaling pathway](#)
- [MAPK signaling pathway](#)
- [Neurotrophin signaling pathway](#)

Disease

- [Diabetes Mellitus](#)
- [Dyskinesia](#)
- [Genetic Predisposition to Disease](#)
- [Genetic Predisposition to Disease](#)
- [Insulin Resistance](#)
- [Narcolepsy](#)
- [Schizophrenia](#)
- [Tobacco Use Disorder](#)
- [Urinary Bladder Neoplasms](#)