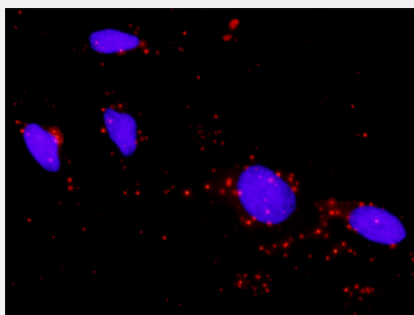


STK36 & GLI3 Protein Protein Interaction Antibody Pair

Catalog # DI0590

Size 1 Set

Applications



Representative image of Proximity Ligation Assay of protein-protein interactions between STK36 and GLI3. HeLa cells were stained with anti-STK36 rabbit purified polyclonal antibody 1:1200 and anti-GLI3 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 STK36 protein, and the other against the GLI3 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 STK36 and GLI3. HeLa cells were stained with anti-STK36 rabbit purified polyclonal antibody 1:1200 and anti-GLI3 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. STK36 rabbit purified polyclonal antibody (100 ug)
2. GLI3 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 — GLI3

Entrez GeneID	2737
Gene Name	GLI3
Gene Alias	ACLS, GCPS, PAP-A, PAPA, PAPA1, PAPB, PHS, PPDV
Gene Description	GLI-Kruppel family member GLI3
Omim ID	146510 165240 174200 174700 175700 200990
Gene Ontology	Hyperlink
Gene Summary	This gene encodes a protein which belongs to the C2H2-type zinc finger proteins subclass of the Gli family. They are characterized as DNA-binding transcription factors and are mediators of Sonic hedgehog (Shh) signaling. The protein encoded by this gene localizes in the cytoplasm and activates patched Drosophila homolog (PTCH) gene expression. It is also thought to play a role during embryogenesis. Mutations in this gene have been associated with several diseases, including Greig cephalopolysyndactyly syndrome, Pallister-Hall syndrome, preaxial polydactyly type IV, and postaxial polydactyly types A1 and B. [provided by RefSeq]
Other Designations	DNA-binding protein OTTHUMP00000025248 OTTHUMP00000159085 oncogene GLI3 zinc finger protein GLI3

Gene Info — STK36

Entrez GeneID	27148
Gene Name	STK36
Gene Alias	DKFZp434N0223, FU, KIAA1278
Gene Description	serine/threonine kinase 36, fused homolog (Drosophila)
Omim ID	607652
Gene Ontology	Hyperlink
Gene Summary	O
Other Designations	fused serine/threonine kinase 36

Pathway

- [Basal cell carcinoma](#)
- [Basal cell carcinoma](#)
- [Hedgehog signaling pathway](#)
- [Hedgehog signaling pathway](#)
- [Pathways in cancer](#)
- [Pathways in cancer](#)

Disease

- [Abnormalities](#)
- [Chromosome Aberrations](#)
- [Cleft Lip](#)
- [Cleft Palate](#)
- [Clubfoot](#)
- [Colorectal Neoplasms](#)
- [Craniofacial Abnormalities](#)
- [Epilepsy](#)
- [Genetic Predisposition to Disease](#)
- [Hamartoma](#)
- [Kidney Failure](#)
- [Mouth Abnormalities](#)
- [Pallister-Hall Syndrome](#)
- [Syndactyly](#)
- [Syndrome](#)