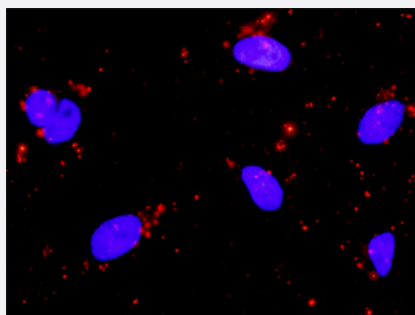


STK36 & GLI1 Protein Protein Interaction Antibody Pair

Catalog # DI0589

Size 1 Set

Applications



Representative image of Proximity Ligation Assay of protein-protein interactions between STK36 and GLI1. HeLa cells were stained with anti-STK36 rabbit purified polyclonal antibody 1:1200 and anti-GLI1 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 GLI1 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 GLI1. HeLa cells were stained with anti-STK36 rabbit purified polyclonal antibody 1:1200 and anti-GLI1 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. GLI1 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 — GLI1

Entrez GeneID	2735
Gene Name	GLI1
Gene Alias	GLI
Gene Description	glioma-associated oncogene homolog 1 (zinc finger protein)
Omim ID	165220
Gene Ontology	Hyperlink
Gene Summary	This gene encodes a member of the Kruppel family of zinc finger proteins. The encoded transcription factor is activated by the sonic hedgehog signal transduction cascade and regulates stem cell proliferation. The activity and nuclear localization of this protein is negatively regulated by p53 in a negative inhibitory loop. Multiple transcript variants encoding different isoforms have been found for this gene. [provided by RefSeq]
Other Designations	glioma-associated oncogene homolog (zinc finger protein) glioma-associated oncogene homolog 1

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

- [Carcinoma](#)
- [Genetic Predisposition to Disease](#)
- [Heart Septal Defects](#)
- [Inflammation](#)
- [Inflammatory Bowel Diseases](#)
- [Kidney Failure](#)
- [Kidney Failure](#)
- [Skin Neoplasms](#)