# GLI2 FISH Probe

Catalog # FA0074 Size 200 uL

## Specification

| | |
|---|---|
| **Product Description** | Made to order FISH probes for identification of gene amplification using Fluorescent In Situ Hybridization Technique. (Technology). |
| **Origin** | Human |
| **Source** | Genomic DNA |
| **Reactivity** | Human |
| **Notice** | We **strongly recommend** the customer to use FFPE FISH PreTreatment Kit 1 (Catalog #: KA2375 or KA2691) for the pretreatment of Formalin-Fixed Paraffin-Embedded (FFPE) tissue sections. |
| **Regulation Status** | For research use only (RUO) |
| **Supplied Products** | DAPI Counterstain (1500 ng/mL ) 250 uL |
| **Storage Instruction** | Store at 4°C in the dark. |
| **Self-Attestation** | Abnova self-attests to comply with the U.S. Framework for Nucleic Acid Synthesis Screening |

## Applications

- Fluorescent In Situ Hybridization (Cell)

  Protocol Download

## Gene Info — GLI2

| | |
|---|---|
| **Entrez GeneID** | 2736 |
| **Gene Name** | GLI2 |
| **Gene Alias** | HPE9, THP1, THP2 |

Copyright © 2023 Abnova Corporation. All Rights Reserved.

| | |
|---|---|
| **Gene Description** | GLI-Kruppel family member GLI2 |
| **Omim ID** | 165230 610829 |
| **Gene Ontology** | Hyperlink |
| **Gene Summary** | This gene encodes a protein which belongs to the C2H2-type zinc finger protein subclass of the G li family. Members of this subclass are characterized as transcription factors which bind DNA thro ugh zinc finger motifs. These motifs contain conserved H-C links. Gli family zinc finger proteins ar e mediators of Sonic hedgehog (Shh) signaling and they are implicated as potent oncogenes in t he embryonal carcinoma cell. The protein encoded by this gene localizes to the cytoplasm and act ivates patched Drosophila homolog (PTCH) gene expression. It is also thought to play a role durin g embryogenesis. The encoded protein is associated with several phenotypes- Greig cephalopol ysyndactyly syndrome, Pallister-Hall syndrome, preaxial polydactyly type IV, postaxial polydactyly t ypes A1 and B. [provided by RefSeq |
| **Other Designations** | oncogene GLI2\|tax helper protein 1\|tax helper protein 2\|tax-responsive element-2 holding protein\|t ax-responsive element-25-bp sequence binding protein\|zinc finger protein GLI2 |

## Pathway

- Basal cell carcinoma
- Hedgehog signaling pathway
- Pathways in cancer

## Disease

- Carcinoma
- Cleft Lip
- Cleft Palate
- Genetic Predisposition to Disease
- Head and Neck Neoplasms
- Kidney Failure
- Neoplasms
- Recurrence
- Tobacco Use Disorder

Copyright © 2023 Abnova Corporation. All Rights Reserved.