



Human GLI3 blocking peptide (CDBP1371)

This product is for research use only and is not intended for diagnostic use.

PRODUCT INFORMATION

| | |
|----------------------------|--|
| Product Overview | Blocking/Immunizing peptide for anti-GLI3 antibody |
| Antigen Description | 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, Jul 2008] |
| Species | Human |
| Conjugate | Unconjugated |
| Applications | Apuri, BL, ELISA |
| Format | Lyophilized powder |
| Size | 100 µg |
| Preservative | None |
| Storage | Shipped at ambient temperature, store at -20°C. |

GENE INFORMATION

| | |
|------------------------|---|
| Gene Name | GLI3 GLI family zinc finger 3 [Homo sapiens (human)] |
| Official Symbol | GLI3 |
| Synonyms | GLI3; GLI family zinc finger 3; PHS; ACLS; GCPS; PAPA; PAPB; PAP-A; PAPA1; PPDIV; |

GLI3FL; GLI3-190; transcriptional activator GLI3; oncogene GLI3; zinc finger protein GLI3; GLI-Kruppel family member GLI3; glioma-associated oncogene family zinc finger 3;

| | |
|---------------------|--|
| Entrez Gene ID | 2737 |
| mRNA Refseq | NM_000168.5 |
| Protein Refseq | NP_000159.3 |
| UniProt ID | P10071 |
| Chromosome Location | 7p13 |
| Pathway | Basal cell carcinoma, organism-specific biosystem; Basal cell carcinoma, conserved biosystem; Endochondral Ossification, organism-specific biosystem; Hedgehog Signaling Pathway, organism-specific biosystem; Hedgehog signaling events mediated by Gli proteins, organism-specific biosystem; Hedgehog signaling pathway, organism-specific biosystem; Hedgehog signaling pathway, conserved biosystem; Pathways in cancer, organism-specific biosystem; |
| Function | RNA polymerase II core promoter proximal region sequence-specific DNA binding; beta-catenin binding; chromatin binding; histone acetyltransferase binding; histone deacetylase binding; metal ion binding; protein binding; sequence-specific DNA binding trans |