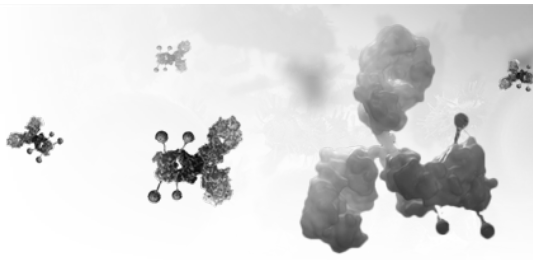

Human GLI1 blocking peptide (CDBP1369)

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

PRODUCT INFORMATION

Product Overview	Blocking/Immunizing peptide for anti-GLI1 antibody
Antigen Description	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 an inhibitory loop. Multiple transcript variants encoding different isoforms have been found for this gene. [provided by RefSeq, May 2009]
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	GLI1 GLI family zinc finger 1 [Homo sapiens (human)]
Official Symbol	GLI1
Synonyms	GLI1; GLI family zinc finger 1; GLI; zinc finger protein GLI1; oncogene GLI; glioma-associated oncogene 1; GLI-Kruppel family member GLI1; glioma-associated oncogene homolog 1 (zinc finger protein);

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Entrez Gene ID	2735
mRNA Refseq	NM_001160045.1
Protein Refseq	NP_001153517.1
UniProt ID	B4DNF7
Chromosome Location	12q13.2-q13.3
Pathway	Basal cell carcinoma, organism-specific biosystem; Basal cell carcinoma, conserved 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	DNA binding; RNA polymerase II distal enhancer sequence-specific DNA binding transcription factor activity; chromatin binding; metal ion binding; microtubule binding; protein binding; transcription regulatory region DNA binding;

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