



## Anti-GLI3 (aa 1-110) polyclonal antibody (DPAB-DC1381)

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

### PRODUCT INFORMATION

<b>Antigen Description</b>	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.
<b>Immunogen</b>	GLI3 (NP_000159, 1 a.a. ~ 110 a.a) partial recombinant protein with GST tag. The sequence is  MEAQSHSSTTTEKKKVENSIVKCSTRTDVSEKAVASSTSNEDESPGQTYHRERRNAITM QPQNVQQLSKVSEEPSTSSDERASLIKKEIHGSLPHVAEHSVYRGTVFA
<b>Source/Host</b>	Mouse
<b>Species Reactivity</b>	Human
<b>Conjugate</b>	Unconjugated
<b>Applications</b>	WB (Cell lysate), WB (Recombinant protein), ELISA,
<b>Size</b>	50 µl
<b>Buffer</b>	50 % glycerol
<b>Preservative</b>	None
<b>Storage</b>	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

### GENE INFORMATION

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<b>Gene Name</b>	<a href="#">GLI3 GLI family zinc finger 3 [ Homo sapiens (human) ]</a>
<b>Official Symbol</b>	GLI3
<b>Synonyms</b>	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;
<b>Entrez Gene ID</b>	<a href="#">2737</a>
<b>Protein Refseq</b>	<a href="#">NP_000159</a>
<b>UniProt ID</b>	<a href="#">P10071</a>
<b>Chromosome Location</b>	7p13
<b>Pathway</b>	Basal cell carcinoma; Endochondral Ossification; Hedgehog signaling events mediated by Gli proteins; Hedgehog signaling pathway
<b>Function</b>	RNA polymerase II core promoter proximal region sequence-specific DNA binding; beta-catenin binding; chromatin binding; histone acetyltransferase binding

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