

**Anti-Human/Mouse GLI1 Polyclonal Antibody****Polyclonal Antibody****Cat.NO.: PA04034**

3th Edition

**Description:**GLI1 (GLI Family Zinc Finger 1) is a Protein Coding gene. Diseases associated with GLI1 include Basal Cell Carcinoma and Necrobiosis Lipoidica. Among its related pathways are Wnt Signaling Pathways: beta-Catenin-independent Wnt/Ca2+ Signaling and Other Non-canonical Wnt Signaling Pathways and G-Beta Gamma Signaling. GO annotations related to this gene include chromatin binding and microtubule binding. An important paralog of this gene is GLI2. 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.

**Antigen:**Synthesized peptide derived from human GLI-1

**Form:**

**How to use:**1.0 ml distilled water will be added to the product

**Stability:** Lyophilized product, 5 years at 2 – 8°C; Solution, 2 years at –20°C

**Dilution:**PBS (pH7.4) containing 1% BSA

**Application:**This antibody can be used for western blotting in concentration of 1?5?g/ml.

**Specificity:**Testis, myometrium and fallopian tube. Also expressed in the brain with highest expression in the cerebellum, optic nerve and olfactory tract.