

Product name:	GLI-1 Rabbit Polyclonal Antibody
Cat number:	ABN11462
Conjugate:	Unconjugated
Size:	100µL
Clone:	Polyclonal
Concentration:	1mg/ml
Host:	Rabbit
Isotype:	IgG
Immunogen:	Synthesized peptide derived from human GLI-1. at AA range: 460-490
Reactivity:	Human, Mouse
Applications:	WB 1:500-1:2000, ELISA 1:10000-1:20000
Molecular Weight:	120kDa
Purification:	Affinity purification
Form:	Liquid
Buffer:	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% New type preservative N.
Storage:	Store at 4°C short term. Aliquot and store at -20°C for 12 months. Avoid freeze/thaw cycles.
Background:	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], disease: Defects in GLI1 may be a cause of breast cancer., function: May regulate the transcription of specific genes during normal development. May play a role in craniofacial development and digital development, as well as development of the central nervous system and gastrointestinal tract. Mediates SHH signaling and thus cell proliferation and differentiation., induction: Amplified in glioblastoma cells., similarity: Belongs to the GLI C2H2-type zinc-finger protein family., similarity: Contains 5 C2H2-type zinc fingers., subcellular location: Tethered in the cytoplasm by binding to SUFU. Activation and translocation to the nucleus is promoted by interaction with STK36., tissue specificity: Testis, myometrium and fallopian tube.,