

## Product datasheet for **TA319437**

### GLI2 Rabbit Polyclonal Antibody

#### Product data:

Product Type:	Primary Antibodies
Applications:	WB
Recommended Dilution:	ELISA: 1:2,000 - 1:12,000, WB: 1:500 - 1:2,000, IHC: 1:500 - 1:2,000
Reactivity:	Human, Chimpanzee
Host:	Rabbit
Isotype:	IgG
Clonality:	Polyclonal
Immunogen:	This affinity purified antibody was prepared from whole rabbit serum produced by repeated immunizations with a synthetic peptide corresponding to amino acids 46-60 of human Gli-2 (isoform a).
Formulation:	0.02 M Potassium Phosphate, 0.15 M Sodium Chloride, pH 7.2
Concentration:	lot specific
Conjugation:	Unconjugated
Storage:	Store at -20°C as received.
Stability:	Stable for 12 months from date of receipt.
Gene Name:	GLI family zinc finger 2
Database Link:	<a href="#">NP_005261</a> <a href="#">Entrez Gene 2736 Human</a> <a href="#">P10070</a>
Synonyms:	CJS; HPE9; PHS2; THP1; THP2
Note:	Gli-2 (also known as Zinc Finger Protein Gli-2, GLI-Kruppel family member GLI-2 or Tax helper protein) belongs to the C2H2-type zinc finger protein subclass of the Gli family. Members of this subclass are characterized as transcription factors that bind DNA through zinc finger motifs. These motifs contain conserved H-C links. Gli family zinc finger proteins are mediators of Sonic hedgehog (Shh) signaling and they are implicated as potent oncogenes in the embryonal carcinoma cell. The protein encoded by this gene localizes to the cytoplasm and activates patched Drosophila

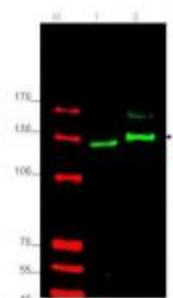


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**Protein Families:** Adult stem cells, Cancer stem cells, Druggable Genome, Embryonic stem cells, ES Cell Differentiation/IPS

**Protein Pathways:** Basal cell carcinoma, Hedgehog signaling pathway, Pathways in cancer

### Product images:



WB using Anti-Gli-2 antibody shows detection of Gli-2 protein in rat testes (lane 1) and human HEK293 (lane 2) whole cell lysates (arrowhead). Each lane contains approximately 35 ug of lysate. Primary antibody was used at a 1:400 dilution. The membrane was washed and reacted with a 1:10,000 dilution of IRDye® 800 conjugated Gt-a-Rabbit IgG [H&L] MX10 for 45 min at RT. Molecular weight estimation was made by comparison to prestained MW markers in lane M (700 nm channel, red).