

DESCRIPTION

Species Reactivity	Human
Specificity	Detects human GLI-1 in direct ELISAs and Western blots. In Western blots, approximately 5% cross-reactivity with recombinant human GLI-3 is observed.
Source	Polyclonal Goat IgG
Purification	Antigen Affinity-purified
Immunogen	<i>E. coli</i> -derived recombinant human GLI-1 Met1-Glu234 Accession # P08151
Conjugate	Alexa Fluor 647 Excitation Wavelength: 650 nm Emission Wavelength: 668 nm
Formulation	Supplied 0.2mg/ml in 1X PBS with RDF1 and 0.09% Sodium Azide
	*Contains <0.1% Sodium Azide, which is not hazardous at this concentration according to GHS classifications. Refer to the Safety Data Sheet (SDS) for additional information and handling instructions.

APPLICATIONS

Please Note: Optimal dilutions should be determined by each laboratory for each application. [General Protocols](#) are available in the Technical Information section on our website.

Western Blot	Optimal dilution of this antibody should be experimentally determined.
Chromatin Immunoprecipitation (ChIP)	Optimal dilution of this antibody should be experimentally determined.
Immunohistochemistry	Optimal dilution of this antibody should be experimentally determined.

PREPARATION AND STORAGE

Shipping	The product is shipped with polar packs. Upon receipt, store it immediately at the temperature recommended below.
Stability & Storage	Protect from light. Do not freeze. 12 months from date of receipt, 2 to 8 °C as supplied

BACKGROUND

GLI-1 is a transcription regulator with 5 conserved tandem C2-H2 zinc finger domains, joined by conserved histidine/cysteine linkers. It is a known oncogene that was originally isolated in a human glioblastoma. GLI-1 acts downstream of Hedgehog signaling and is involved in cell proliferation and pattern formation during embryonic development. Within the region used as the immunogen, human GLI-1 shares 81% amino acid sequence homology with mouse GLI-1.

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