

# GLI1 Polyclonal Antibody

catalog number: E-AB-19459

**Note:** Centrifuge before opening to ensure complete recovery of vial contents.

## Description

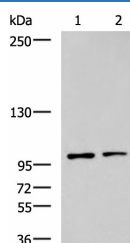
<b>Reactivity</b>	Human;Mouse
<b>Immunogen</b>	Synthetic peptide of human GLI1
<b>Host</b>	Rabbit
<b>Isotype</b>	IgG
<b>Purification</b>	Antigen affinity purification
<b>Conjugation</b>	Unconjugated
<b>buffer</b>	Phosphate buffered solution, pH 7.4, containing 0.05% stabilizer and 50% glycerol.

## Applications

## Recommended Dilution

<b>WB</b>	1:500-1:2000
<b>IHC</b>	1:50-1:100

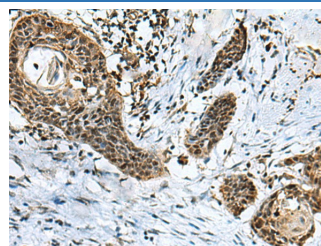
## Data



Western blot analysis of Raji and HepG2 cell lysates using GLI1 Polyclonal Antibody at dilution of 1:900

**Observed-MV: Refer to figures**

**Calculated-MV: 118 kDa**



Immunohistochemistry of paraffin-embedded Human esophagus cancer tissue using GLI1 Polyclonal Antibody at dilution of 1:40(×200)

## Preparation & Storage

<b>Storage</b>	Store at -20°C Valid for 12 months. Avoid freeze / thaw cycles.
<b>Shipping</b>	The product is shipped with ice pack, upon receipt, store it immediately at the temperature recommended.

## Background

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/Ca<sup>2+</sup> 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.

## For Research Use Only