



## UK Office

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**Research Use Only. Not for  
diagnostic or therapeutic use.**

## EB10594 - Goat Anti-GLI1 Antibody

Size: 100µg specific antibody in 200µl



### Target Protein

**Principal Names:** GLI1, GLI family zinc finger 1, GLI, glioma-associated oncogene family zinc finger 1, glioma-associated oncogene homolog 1 (zinc finger protein), oncogene GLI, zinc finger protein GLI1

**Official Symbol:** GLI1

**Accession Number(s):** NP\_005260.1; NP\_001153517.1; NP\_001161081.1

**Human GeneID(s):** [2735](#)

**Non-Human GeneID(s):** 14632 (mouse), 140589 (rat)

**Important Comments:** This antibody is expected to recognize the reported isoforms (NP\_005260.1; NP\_001153517.1; NP\_001161081.1).

### Immunogen

Peptide with sequence TYSQCPRLEHYGQ, from the internal region of the protein sequence according to NP\_005260.1; NP\_001153517.1; NP\_001161081.1.

Please note the [peptide](#) is available for sale.

### Purification and Storage

Purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide.

Supplied at 0.5 mg/ml in Tris saline, 0.02% sodium azide, pH7.3 with 0.5% bovine serum albumin.

Aliquot and store at -20°C. Minimize freezing and thawing.

### Applications Tested

**Peptide ELISA:** antibody detection limit dilution 1:128000.

**Immunofluorescence:** Strong expression of the protein seen in the cytoplasm of U2OS cells. Recommended concentration: 10µg/ml.

**Flow Cytometry:** Flow cytometric analysis of HepG2 cells. Recommended concentration: 10ug/ml.

### Species Reactivity

**Tested:** Human

**Expected from sequence similarity:** Human, Mouse, Rat, Dog, Cow

EB10594 Immunofluorescence analysis of paraformaldehyde fixed U2OS cells, permeabilized with 0.15% Triton. Primary incubation 1hr (10ug/ml) followed by Alexa Fluor 488 secondary antibody (2ug/ml), showing cytoplasmic staining. The nuclear stain is DAPI (blue). Negative control: Unimmunized goat IgG (10ug/ml) followed by Alexa Fluor 488 secondary antibody (2ug/ml).

EB10594 Flow cytometric analysis of paraformaldehyde fixed HepG2 cells (blue line), permeabilized with 0.5% Triton. Primary incubation 1hr (10ug/ml) followed by Alexa Fluor 488 secondary antibody (1ug/ml). IgG control: Unimmunized goat IgG (black line) followed by Alexa Fluor 488 secondary antibody.