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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.

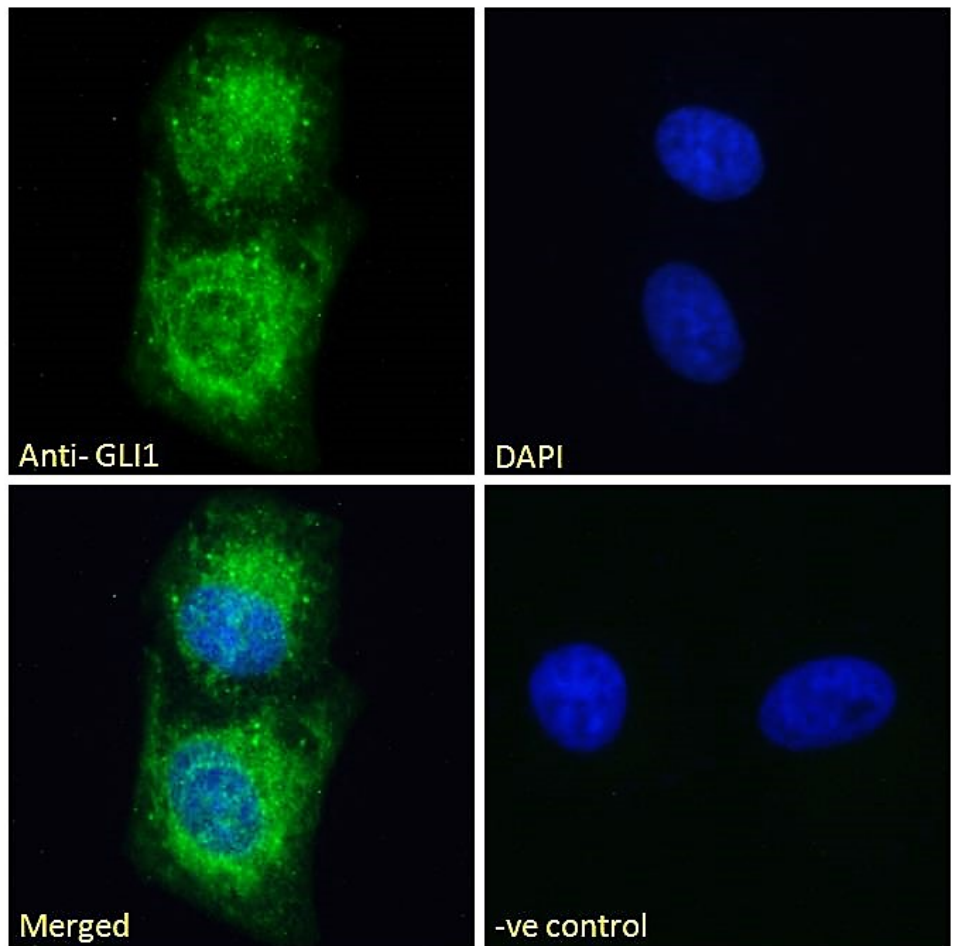
Immunofluorescence: Strong expression of the protein seen in the cytoplasm of U2OS cells. Recommended concentration: 10µg/ml.

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

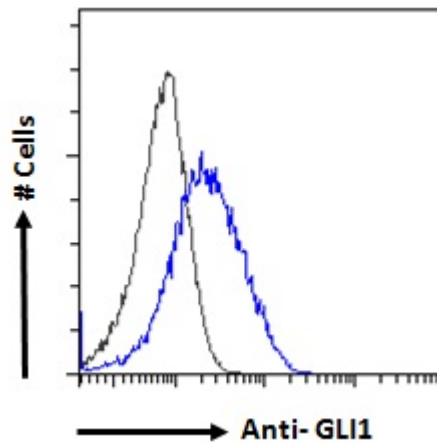
Species Reactivity

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.