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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 GenelD(s): 2735 Non-Human GenelD(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

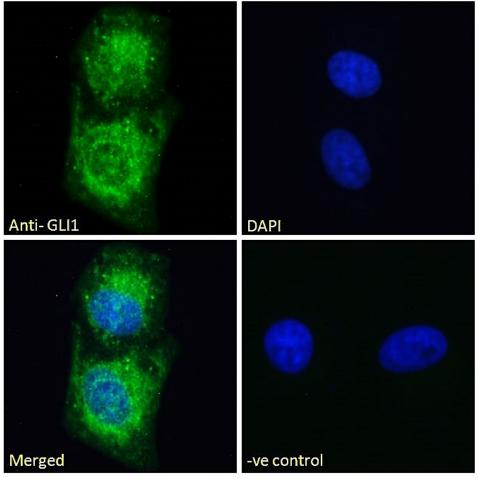
Peptide ELISA: antibody detection limit dilution 1:128000.

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

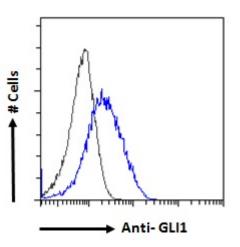
Flow Cytometry: Flow cytometric analysis of HepG2 cells. Recommended concentration: 10ug/ml.

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.