Gli1 antibody [HL247]

Cat. No. GTX635619

Host	Rabbit
Clonality	Monoclonal
Isotype	IgG
Applications	WB, ICC/IF, IHC-P, IP
Reactivity	Human, Mouse, Rat

Package
100 µl, 25 µl

PRODUCT

Summary

Gli1 antibody detects Gli1 protein, a zinc-finger protein with a predicted molecular weight of 119 kDa. Gli1 is a transcription factor that serves as an effector of Sonic hedgehog signaling in mediating cell fate during embryonic development. In addition, Gli1 has been shown to control many basic cell functions including the cell cycle, growth, and cell death. Although Gli1 was originally isolated from a glioma tumor, its upregulation is found in many other tumor types.

Applications

Application Note

*Optimal dilutions/concentrations should be determined by the researcher.

Suggested dilution	Recommended dilution
WB	1:500-1:3000
ICC/IF	Assay dependent
IHC-P	Assay dependent
IP	Assay dependent

Not tested in other applications.

Calculated MW 119 kDa. (Note)

Properties

Form	Liquid
Buffer	PBS
Preservative	No preservatives
Storage	Store as concentrated solution. Centrifuge briefly prior to opening vial. For short-term storage (1-2 weeks), store at 4ºC. For long-term storage, aliquot and store at -20ºC or below. Avoid multiple freeze-thaw cycles.
Concentration	1 mg/ml (Please refer to the vial label for the specific concentration.)
Immunogen	Carrier-protein conjugated synthetic peptide encompassing a sequence within the center region of mouse Gli1. The exact sequence is proprietary.
Purification	Affinity purified by Protein A.

For full product information, images and publications, please visit our website.

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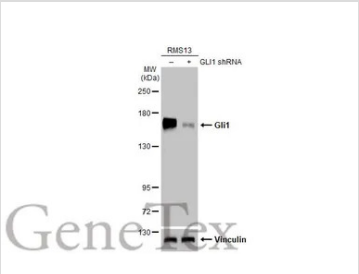
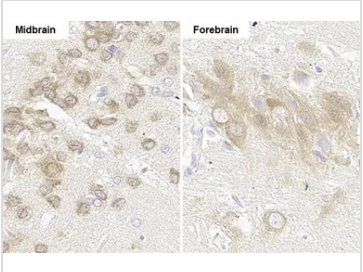
Conjugation	Unconjugated
Note	For laboratory research use only. Not for any clinical, therapeutic, or diagnostic use in humans or animals. Not for animal or human consumption. Purchasers shall not, and agree not to enable third parties to, analyze, copy, reverse engineer or otherwise attempt to determine the structure or sequence of the product.

DATA IMAGES



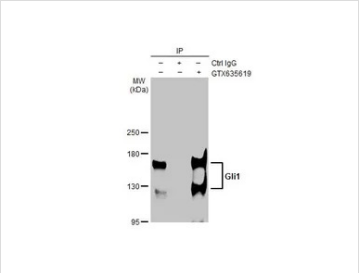
GTX635619 WB Image

Non-transfected (–) and transfected (+) RMS13 whole cell extracts (30 µg) were separated by 5% SDS-PAGE, and the membrane was blotted with Gli1 antibody [HL247] (GTX635619) diluted at 1:1000. The HRP-conjugated anti-rabbit IgG antibody (GTX213110-01) was used to detect the primary antibody.



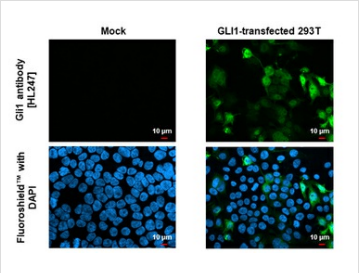
GTX635619 IHC-P Image

Gli1 antibody [HL27] detects Gli1 protein by immunohistochemical analysis.
Sample: Paraffin-embedded rat tissues.
Gli1 stained by Gli1 antibody [HL27] (GTX635619) diluted at 1:100.
Antigen Retrieval: Citrate buffer, pH 6.0, 15 min



GTX635619 IP Image

Immunoprecipitation of Gli1 protein from RMS 13 whole cell extract using 5 µg of Gli1 antibody [HL247] (GTX635619).
Western blot analysis was performed using Gli1 antibody [HL247] (GTX635619).
EasyBlot HRP-conjugated anti rabbit IgG antibody (GTX221666-01).



GTX635619 ICC/IF Image

Gli1 antibody [HL247] detects Gli1 protein by immunofluorescent analysis.
Sample: Mock and transfected 293T cells were fixed in 4% paraformaldehyde at RT for 15 min.
Green: Gli1 stained by Gli1 antibody [HL247] (GTX635619) diluted at 1:500.
Blue: Fluoroshield with DAPI (GTX30920).

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