

A14675

Leader in Biomolecular Solutions for Life Science



## GLI1 Rabbit pAb

Catalog No.: A14675

15 Publications

### Basic Information

#### Observed MW

150kDa

#### Calculated MW

118kDa

#### Category

Polyclonal Antibody

#### Applications

WB, IHC-P, IF/ICC, ELISA

#### Cross-Reactivity

Human, Mouse, Rat

### Background

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.

### Recommended Dilutions

WB	1:500 - 1:1000
IHC-P	1:50 - 1:200
IF/ICC	1:50 - 1:200

### Immunogen Information

#### Gene ID

2735

#### Swiss Prot

P08151

#### Immunogen

A synthetic peptide corresponding to a sequence within amino acids 350-450 of human GLI1 (NP\_001153517.1).

#### Synonyms

GLI; PPD1; PAPA8; GLI1

### Contact



[www.abclonal.com](http://www.abclonal.com)

### Product Information

#### Source

Rabbit

#### Isotype

IgG

#### Purification

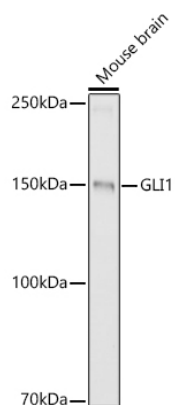
Affinity purification

#### Storage

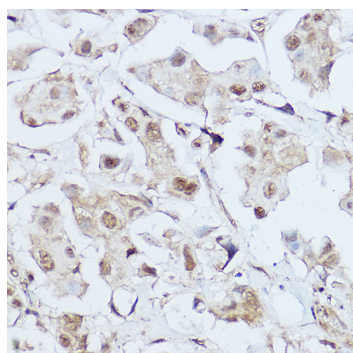
Store at -20°C. Avoid freeze / thaw cycles.

Buffer: PBS with 0.05% proclin300, 50% glycerol, pH7.3.

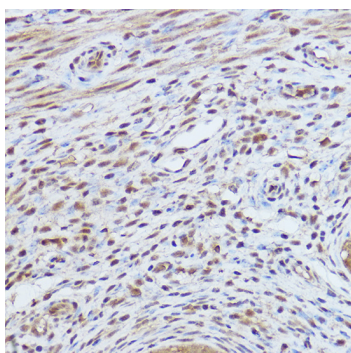
## Validation Data



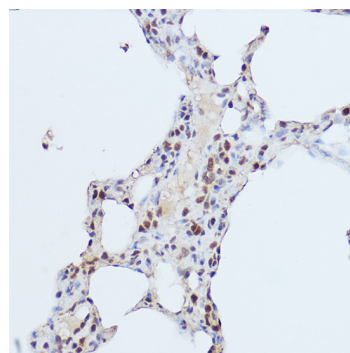
Western blot analysis of extracts of Mouse brain, using GLI1 antibody (A14675) at 1:1000 dilution.  
Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (A5014) at 1:10000 dilution.  
Lysates/proteins: 25µg per lane.  
Blocking buffer: 3% nonfat dry milk in TBST.  
Detection: ECL Basic Kit (RM00020).  
Exposure time: 10s.



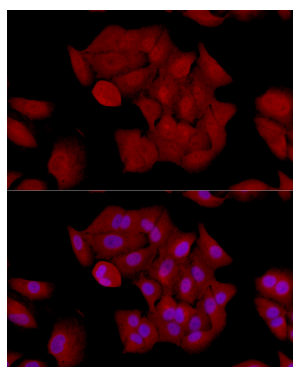
Immunohistochemistry analysis of paraffin-embedded human breast cancer using GLI1 Rabbit pAb (A14675) at dilution of 1:100 (40x lens). Perform high pressure antigen retrieval with 10 mM citrate buffer pH 6.0 before commencing with IHC staining protocol.



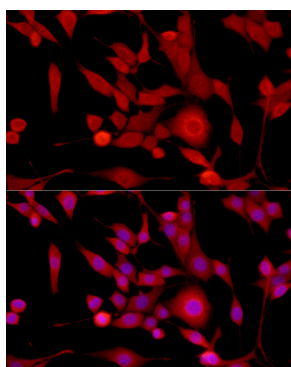
Immunohistochemistry analysis of paraffin-embedded mouse uterus using GLI1 Rabbit pAb (A14675) at dilution of 1:100 (40x lens). Perform high pressure antigen retrieval with 10 mM citrate buffer pH 6.0 before commencing with IHC staining protocol.



Immunohistochemistry analysis of paraffin-embedded rat lung using GLI1 Rabbit pAb (A14675) at dilution of 1:100 (40x lens). Perform high pressure antigen retrieval with 10 mM citrate buffer pH 6.0 before commencing with IHC staining protocol.



Immunofluorescence analysis of A-549 cells using GLI1 Rabbit pAb (A14675) at dilution of 1:100 (40x lens). Blue: DAPI for nuclear staining.



Immunofluorescence analysis of NIH/3T3 cells using GLI1 Rabbit pAb (A14675) at dilution of 1:100 (40x lens). Blue: DAPI for nuclear staining.