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GLI1 Rabbit mAb

Catalog No.: A23236 Recombinant 1 Publications

Basic Information

Observed MW
160kDa

Calculated MW
118kDa

Category
Primary antibody

Applications
ELISA,WB,IHC-P,IF/ICC

Cross-Reactivity
Human, Mouse, Rat

CloneNo number
ARC59108

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
Recombinant fusion protein containing a sequence corresponding to amino acids 1-233 of human GLI1 (NP_005260.1).

Synonyms
GLI; PPD1; PAPA8; GLI1

Contact

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Product Information

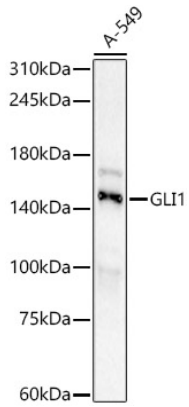
Source
Rabbit

Isotype
IgG

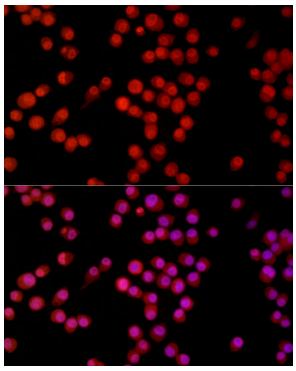
Purification
Affinity purification

Storage
Store at -20℃. Avoid freeze / thaw cycles.
Buffer: PBS with 0.05% proclin300,0.05% BSA,50% glycerol,pH7.3.

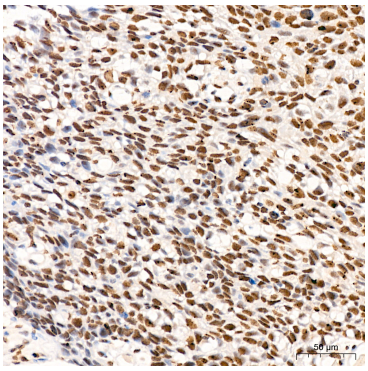
Validation Data



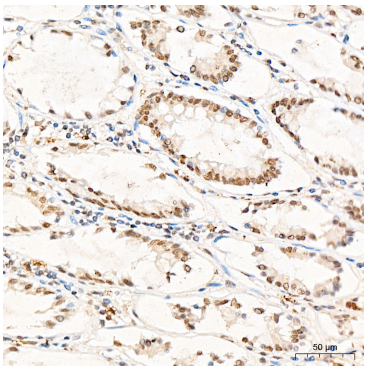
Western blot analysis of lysates from A-549 cells, using GLI1 Rabbit mAb (A23236) at 1:1000 dilution.
Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (AS014) at 1:10000 dilution.
Lysates/proteins: 25µg per lane.
Blocking buffer: 3% nonfat dry milk in TBST.
Detection: ECL Basic Kit (RM00020).
Exposure time: 60s.



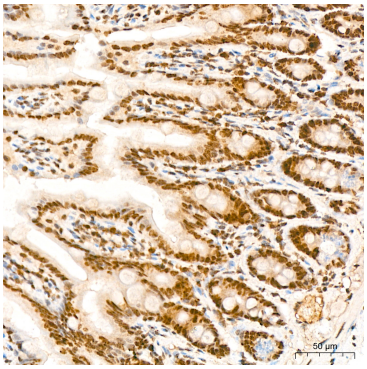
Immunofluorescence analysis of Neuro-2a cells using GLI1 Rabbit mAb (A23236) at dilution of 1:100 (40x lens). Secondary antibody: Cy3 Goat Anti-Rabbit IgG (H+L) (AS007) at 1:500 dilution. Blue: DAPI for nuclear staining.



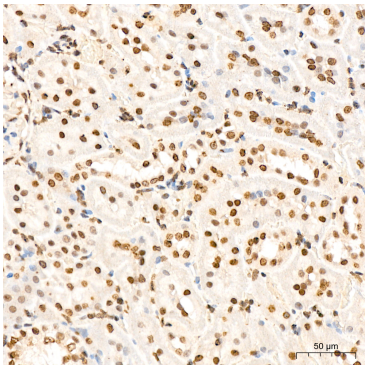
Immunohistochemistry analysis of GLI1 in paraffin-embedded human cervix cancer tissue using GLI1 Rabbit mAb (A23236) at a dilution of 1:200 (40x lens). High pressure antigen retrieval was performed with 0.01 M citrate buffer (pH 6.0) prior to IHC staining.



Immunohistochemistry analysis of GLI1 in paraffin-embedded human colon tissue using GLI1 Rabbit mAb (A23236) at a dilution of 1:200 (40x lens). High pressure antigen retrieval was performed with 0.01 M citrate buffer (pH 6.0) prior to IHC staining.



Immunohistochemistry analysis of GLI1 in paraffin-embedded mouse colon tissue using GLI1 Rabbit mAb (A23236) at a dilution of 1:200 (40x lens). High pressure antigen retrieval was performed with 0.01 M citrate buffer (pH 6.0) prior to IHC staining.



Immunohistochemistry analysis of GLI1 in paraffin-embedded rat kidney tissue using GLI1 Rabbit mAb (A23236) at a dilution of 1:200 (40x lens). High pressure antigen retrieval was performed with 0.01 M citrate buffer (pH 6.0) prior to IHC staining.