A16864

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GLI2 Rabbit pAb

Catalog No.: A16864 1 Publications

Basic Information

Observed MW
170kDa

Calculated MW
165kDa

Category
Polyclonal Antibody

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

Cross-Reactivity
Human,Mouse,Rat

Background

Enables DNA-binding transcription activator activity, RNA polymerase II-specific; RNA polymerase II cis-regulatory region sequence-specific DNA binding activity; and promoter-specific chromatin binding activity. Acts upstream of or within several processes, including animal organ development; chordate embryonic development; and regulation of smoothened signaling pathway. Located in several cellular components, including axoneme; ciliary tip; and nuclear speck. Is expressed in several structures, including central nervous system; embryo mesenchyme; eye; genitourinary system; and jaw. Human ortholog(s) of this gene implicated in Culler-Jones syndrome; holoprosencephaly 9; and spina bifida. Orthologous to human GLI2 (GLI family zinc finger 2).

Recommended Dilutions

WB	1:500 - 1:2000
IHC-P	1:50 - 1:100
IF/ICC	1:50 - 1:100
ELISA	Recommended starting concentration is 1 μg/mL. Please optimize the concentration based on your specific assay requirements.

Immunogen Information

Gene ID
14633

Swiss Prot
Q0VGT2

Immunogen
Recombinant protein (or fragment).This information is considered to be commercially sensitive.

Synonyms
GLI2; CJS; HPE9; PHS2; THP1; THP2; Gli2

Product Information

Source
Rabbit

Isotype
IgG

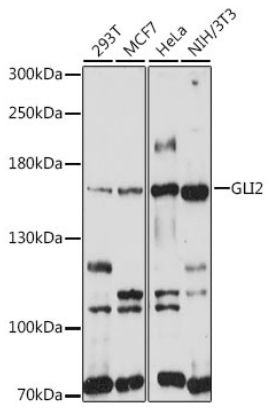
Purification
Affinity purification

Storage
Store at -20℃

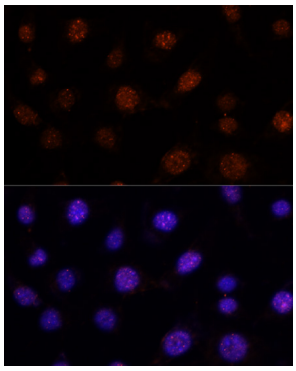
Contact

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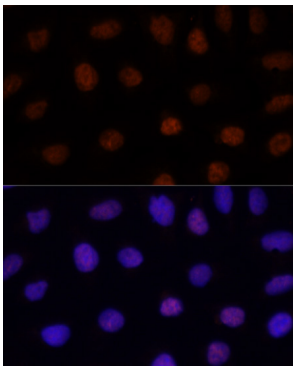
Validation Data



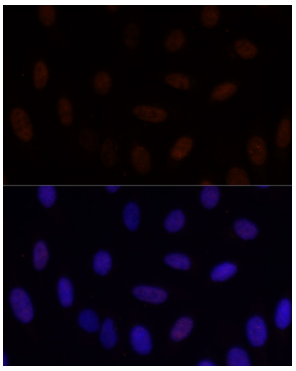
Western blot analysis of various lysates using GLI2 Rabbit pAb (A16864) at 1:1000 dilution.
Secondary antibody: HRP-conjugated Goat anti-Rabbit IgG (H+L) (AS014) at 1:10000 dilution.
Lysates/proteins: 25µg per lane.
Blocking buffer: 3% nonfat dry milk in TBST.
Detection: ECL Basic Kit (RM00020).
Exposure time: 30s.



Immunofluorescence analysis of L-929 cells using GLI2 Rabbit pAb (A16864) at dilution of 1:100. Secondary antibody: Cy3-conjugated Goat anti-Rabbit IgG (H+L) (AS007) at 1:500 dilution. Blue: DAPI for nuclear staining.



Immunofluorescence analysis of U-2 OS cells using GLI2 Rabbit pAb (A16864) at dilution of 1:100. Secondary antibody: Cy3-conjugated Goat anti-Rabbit IgG (H+L) (AS007) at 1:500 dilution. Blue: DAPI for nuclear staining.



Immunofluorescence analysis of U-2 OS cells using GLI2 Rabbit pAb (A16864) at dilution of 1:100. Secondary antibody: Cy3-conjugated Goat anti-Rabbit IgG (H+L) (AS007) at 1:500 dilution. Blue: DAPI for nuclear staining.