



Datasheet for ABIN7259424

## anti-GLI2 antibody

### 3 Images



[Go to Product page](#)

### Overview

Quantity:	200 µL
Target:	GLI2
Reactivity:	Human, Mouse, Rat
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This GLI2 antibody is un-conjugated
Application:	Immunofluorescence (IF)

### Product Details

Immunogen:	Recombinant protein of mouse GLI2.
Isotype:	IgG
Characteristics:	Polyclonal Antibody
Purification:	Affinity purification

### Target Details

Target:	GLI2
Alternative Name:	GLI2 ( <a href="#">GLI2 Products</a> )
Background:	This gene encodes a protein which belongs to the C2H2-type zinc finger protein subclass of the Gli family. Members of this subclass are characterized as transcription factors which bind DNA through zinc finger motifs. These motifs contain conserved H-C links. Gli family zinc finger proteins are mediators of Sonic hedgehog (Shh) signaling and they are implicated as potent

## Target Details

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oncogenes in the embryonal carcinoma cell. The protein encoded by this gene localizes to the cytoplasm and activates patched Drosophila homolog (PTCH) gene expression. It is also thought to play a role during embryogenesis. The encoded protein is associated with several phenotypes- Greig cephalopolysyndactyly syndrome, Pallister-Hall syndrome, preaxial polydactyly type IV, postaxial polydactyly types A1 and B.

Gene ID: 14633

UniProt: [P10070](#)

Pathways: [Hedgehog Signaling](#), [Dopaminergic Neurogenesis](#)

## Application Details

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Application Notes: IF 1:50-1:100

Restrictions: For Research Use only

## Handling

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Format: Liquid

Concentration: 1 mg/mL

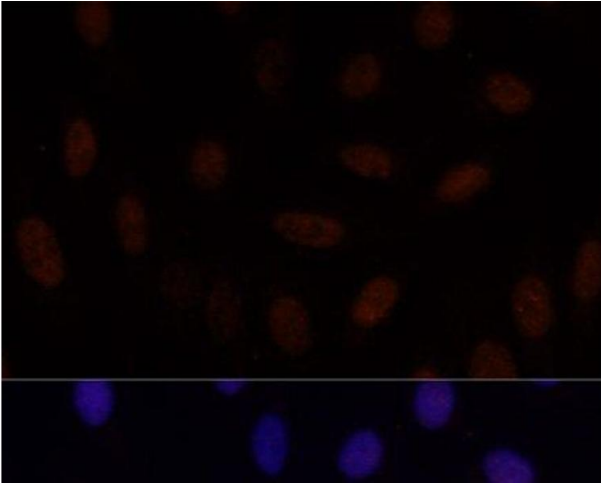
Buffer: PBS with 0.02 % sodium azide, 50 % glycerol, pH 7.3

Preservative: Sodium azide

Precaution of Use: This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

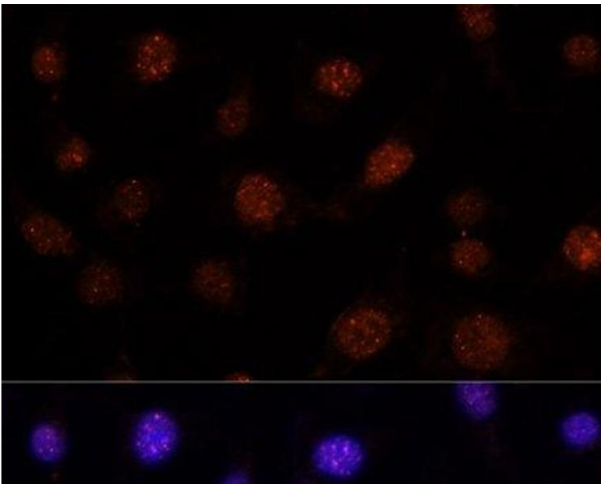
Storage: -20 °C

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



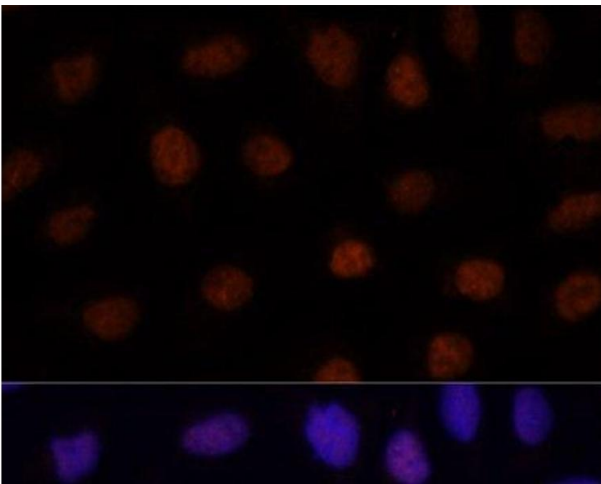
#### Immunofluorescence

**Image 1.** Immunofluorescence analysis of U-2 OS cells using GLI2 Polyclonal Antibody at dilution of 1:100. Blue: DAPI for nuclear staining.



#### Immunofluorescence

**Image 2.** Immunofluorescence analysis of L-929 cells using GLI2 Polyclonal Antibody at dilution of 1:100. Blue: DAPI for nuclear staining.



#### Immunofluorescence

**Image 3.** Immunofluorescence analysis of U-2 OS cells using GLI2 Polyclonal Antibody at dilution of 1:100. Blue: DAPI for nuclear staining.