

Datasheet for ABIN6943536
anti-GLI3 antibody



[Go to Product page](#)

Overview

Quantity:	100 µL
Target:	GLI3
Reactivity:	Human
Host:	Rabbit
Clonality:	Monoclonal
Conjugate:	This GLI3 antibody is un-conjugated
Application:	Western Blotting (WB), Immunofluorescence (Cultured Cells) (IF (cc))

Product Details

Immunogen:	Recombinant protein within human Gli3 aa 1300-1600.
Clone:	45G1
Isotype:	IgG
Cross-Reactivity:	Human
Purification:	Purified by Protein A.

Target Details

Target:	GLI3
Alternative Name:	GLI3 (GLI3 Products)
Background:	Synonyms: Transcriptional activator GLI3, GLI3 form of 190 kDa, GLI3 full-length protein, Transcriptional repressor GLI3R, GLI3 C-terminally truncated form, GLI3 form of 83 kDa, GLI3-

Target Details

190, GLI3FL, GLI3-83,

Background: Has a dual function as a transcriptional activator and a repressor of the sonic hedgehog (Shh) pathway, and plays a role in limb development. The full-length GLI3 form (GLI3FL) after phosphorylation and nuclear translocation, acts as an activator (GLI3A) while GLI3R, its C-terminally truncated form, acts as a repressor. A proper balance between the GLI3 activator and the repressor GLI3R, rather than the repressor gradient itself or the activator/repressor ratio gradient, specifies limb digit number and identity. In concert with TRPS1, plays a role in regulating the size of the zone of distal chondrocytes, in restricting the zone of PTHLH expression in distal cells and in activating chondrocyte proliferation. Binds to the minimal GLI-consensus sequence 5'-GGGTGGTC-3'.

Gene ID: 2737

UniProt: [P10071](#)

Pathways: [Hedgehog Signaling](#)

Application Details

Application Notes: WB 1:300-5000
IF(ICC) 1:50-200

Restrictions: For Research Use only

Handling

Format: Liquid

Concentration: 1 µg/µL

Buffer: Aqueous buffered solution containing 1xTBS (pH 7.4), 1 % BSA, 40 %Glycerol and 0.05 % Sodium Azide.

Preservative: ProClin

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

Storage: 4 °C,-20 °C

Storage Comment: Shipped at 4°C. Store at -20°C for one year. Avoid repeated freeze/thaw cycles.

Expiry Date: 12 months