

Product Name: Gli3 (10W4) Rabbit Monoclonal Antibody
Catalog #: AMRe11464

Summary

Production Name	Gli3 (10W4) Rabbit Monoclonal Antibody
Description	Rabbit Monoclonal Antibody
Host	Rabbit
Application	WB,IHC-P,ICC/IF,IF-P
Reactivity	Human

Performance

Conjugation	Unconjugated
Modification	Unmodified
Isotype	IgG
Clonality	Monoclonal
Form	Liquid
Storage	Store at 4°C short term. Aliquot and store at -20°C long term. Avoid freeze/thaw cycles.
Buffer	Supplied in 50mM Tris-Glycine(pH 7.4), 0.15M NaCl, 40%Glycerol, 0.01% New type preservative N and 0.05% protective protein.
Purification	Affinity purification

Immunogen

Gene Name	GLI3
Alternative Names	ACLS; GCPS; GLI3; GLI3FL; PAPA; PAPA1; PAPB; PHS; PPDIV;
Gene ID	2737.0
SwissProt ID	P10071. Recombinant protein of human Gli3

Application

Dilution Ratio	WB 1:1000, IHC-P/IF-P 1:100, ICC/IF 1:100
Molecular Weight	170kDa

Background

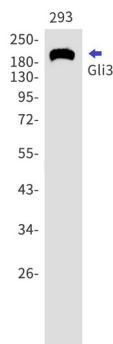
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Has a dual function as a transcriptional activator and a repressor of the sonic hedgehog (Shh) pathway, and plays a role in limb development. The full-length GLI3 form (GLI3FL) after phosphorylation and nuclear translocation, acts as an activator (GLI3A) while GLI3R, its C-terminally truncated form, acts as a repressor. 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'.

Research Area

Image Data



Western blot detection of Gli3 in 293 cell lysates using Gli3 antibody(1:1000 diluted).

Note

For research use only.