

GLI1 Polyclonal Antibody

Product Details	
Size	100 µg
Species Reactivity	Human
Host/Isotope	Goat / IgG
Class	Polyclonal
Type	Antibody
Conjugate	Unconjugated
Immunogen	E. coli-derived recombinant human GLI-1 Met1-Glu234
Form	Lyophilized
Concentration	0.2 mg/mL
Purification	Antigen affinity chromatography
Storage buffer	PBS with 5% trehalose
Contains	No Preservative
Storage Conditions	-20° C, Avoid Freeze/Thaw Cycles
RRID	AB_2609626

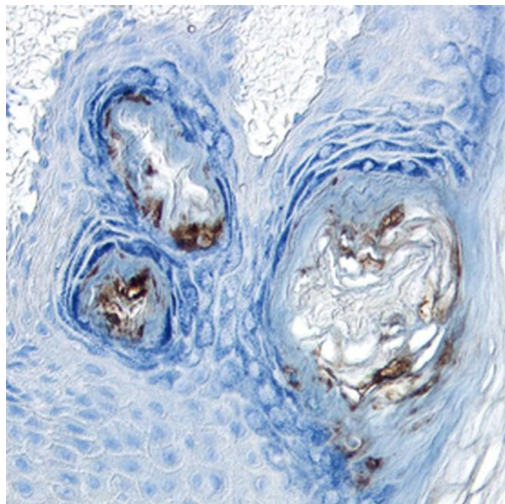
Applications	Tested	Dilution	Published
Western Blot (WB)	✓	0.1 µg/mL	1 Publication
ChIP assay (ChIP)	✓	5 µg/1x10 ⁶ cells	
Immunohistochemistry (Paraffin) (IHC (P))	✓	5-15 µg/mL	

Product Specific Information

In Western blots, approximately 5% cross-reactivity with recombinant human GLI-3 is observed.

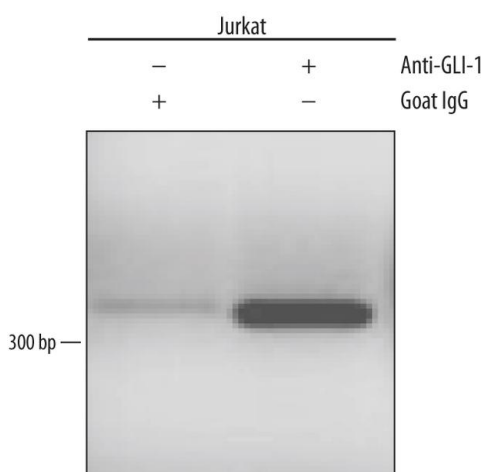
Reconstitute at 0.2 mg/mL in sterile PBS.

Product Images For GLI1 Polyclonal Antibody



GLI1 Antibody (PA5-47478) in IHC (P)

Immunohistochemical analysis of GLI-1 was detected in immersion fixed paraffin-embedded sections of human skin using human GLI-1 Antigen Affinity-purified Polyclonal Antibody (Product # PA5-47478) at 5 µg/mL overnight at 4 °C. Tissue was stained using the Anti-Goat HRP-DAB (brown and counterstained with hematoxylin (blue)).



GLI1 Antibody (PA5-47478) in ChIP

Chromatin immunoprecipitation of Jurkat human acute T cell leukemia cell line treated with 50 ng/mL PMA and 200 ng/mL calcium ionomycin for 30 minutes were fixed using formaldehyde, resuspended in lysis buffer, and sonicated to shear chromatin. GLI-1/DNA complexes were immunoprecipitated using 5 µg Goat Anti-human GLI-1 Antigen Affinity-purified Polyclonal Antibody (Product # PA5-47478) or control antibody for 15 minutes in an ultrasonic bath, followed by Biotinylated Anti-Goat IgG Secondary Antibody. Immunocomplexes were captured using 50 µL of MagCollect Streptavidin Ferrofluid and DNA was purified using chelating resin solution. The Bcl-2 promoter was detected by standard PCR.

1 Reference

Western Blot (1)

Cell biology international

Forkhead box C2 promotes the invasion ability of human trophoblast cells through Hedgehog (Hh) signaling pathway.

"Published figure using GLI1 polyclonal antibody (Product # PA5-47478) in Western Blot"

Authors: Zhang Y,Zhang Y

Species
Not Applicable

Dilution
Not Cited

Year
2018

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