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anti-GLI1 antibody (C-Term)

3 Images



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Quantity:	100 μL
Target:	GLI1
Binding Specificity:	C-Term
Reactivity:	Human, Mouse, Rat
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This GLI1 antibody is un-conjugated
Application:	Western Blotting (WB), ELISA, Immunohistochemistry (IHC), Immunofluorescence (IF), Immunocytochemistry (ICC)

Product Details

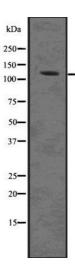
Immunogen:	A synthesized peptide derived from human Gli1, corresponding to a region within C-terminal amino acids.
Isotype:	IgG
Specificity:	Gli1 Antibody detects endogenous levels of total Gli1.
Purification:	The antiserum was purified by peptide affinity chromatography using SulfoLink TM Coupling Resin (Thermo Fisher Scientific).

Target Details

Target:	GLI1	
Alternative Name:	GLI1 (GLI1 Products)	

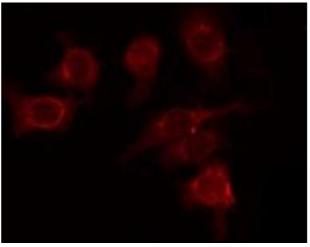
Target Details

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Background:	Description: Acts as a transcriptional activator (PubMed:19706761, PubMed:10806483,
	PubMed:19878745, PubMed:24311597, PubMed:24217340). Binds to the DNA consensus
	sequence 5'-GACCACCCA-3' (PubMed:2105456, PubMed:8378770, PubMed:24217340). May
	regulate the transcription of specific genes during normal development (PubMed:19706761).
	May play a role in craniofacial development and digital development, as well as development of
	the central nervous system and gastrointestinal tract. Mediates SHH signaling
	(PubMed:19706761). Plays a role in cell proliferation and differentiation via its role in SHH
	signaling (Probable).
	Gene: GLI1
Molecular Weight:	119 kDa
Gene ID:	2735
UniProt:	P08151
Pathways:	Hedgehog Signaling, Dopaminergic Neurogenesis
Application Details	
Application Notes:	WB 1:1000-3000, IHC 1:200, IF/ICC 1:100-1:500, ELISA(peptide) 1:20000-1:40000
Restrictions:	For Research Use only
Handling	
Format:	Liquid
Concentration:	1 mg/mL
Buffer:	Rabbit IgG in phosphate buffered saline , pH 7.4, 150 mM NaCl, 0.02 % sodium azide and 50 %
	glycerol.
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. Stable for 12 months from date of receipt.
Expiry Date:	12 months



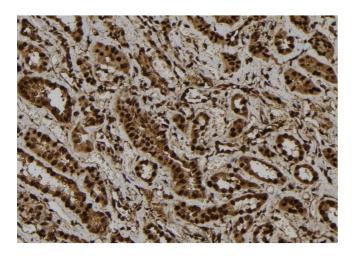
Western Blotting

Image 1. Western blot analysis GLI1 using HT-29 whole cell lysates



Immunofluorescence (fixed cells)

Image 2. ABIN6277736 staining HepG2 by IF/ICC. The sample were fixed with PFA and permeabilized in 0.1% Triton X-100,then blocked in 10% serum for 45 minutes at 25¡ãC. The primary antibody was diluted at 1/200 and incubated with the sample for 1 hour at 37¡ãC. An Alexa Fluor 594 conjugated goat anti-rabbit IgG (H+L) Ab, diluted at 1/600, was used as the secondary antibod



Immunohistochemistry

Image 3. ABIN6277736 at 1/100 staining Human kidney tissue by IHC-P. The sample was formaldehyde fixed and a heat mediated antigen retrieval step in citrate buffer was performed. The sample was then blocked and incubated with the antibody for 1.5 hours at 22¡ãC. An HRP conjugated goat anti-rabbit antibody was used as the secondary