

Datasheet for ABIN2792532
anti-GLI1 antibody (N-Term)



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2 Images

Overview

Quantity:	100 µL
Target:	GLI1
Binding Specificity:	N-Term
Reactivity:	Human, Dog, Guinea Pig, Horse, Rabbit, Cow
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This GLI1 antibody is un-conjugated
Application:	Western Blotting (WB)

Product Details

Immunogen:	The immunogen is a synthetic peptide directed towards the N terminal region of human GLI1
Sequence:	LRPLPSQGAP SVGTEGLSGP PFCHQANLMS GPHSYGPARE TNSCTEGPLF
Cross-Reactivity:	Cow (Bovine), Dog (Canine), Human
Predicted Reactivity:	Cow: 92%, Dog: 92%, Guinea Pig: 85%, Horse: 100%, Human: 100%, Rabbit: 100%
Characteristics:	This is a rabbit polyclonal antibody against GLI1. It was validated on Western Blot using a cell lysate as a positive control.
Purification:	Protein A purified

Target Details

Target:	GLI1
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Target Details

Alternative Name:	GLI1 (GLI1 Products)
Background:	GLI1 is a protein which is a member of the Kruppel family of zinc finger proteins. The function of this gene has not been determined, however, it may play a role in normal development gene transcription. Mouse mutation studies indicate possible involvement in human foregut malformation. Alias Symbols: GLI Protein Interaction Partner: TRIM42, GCC1, PRKAA2, VHL, FEM1B, CDK4, UBC, MYC, ITCH, NUMB, SUFU, RAI1, XBP1, HDAC2, HDAC1, STK36, DYRK1A, ZIC2, ZIC1, Sin3a, Shh, SAP18, Su(fu), Pias1, Protein Size: 1106
Molecular Weight:	118 kDa
Gene ID:	2735
NCBI Accession:	NM_005269 , NP_005260
UniProt:	P08151
Pathways:	Hedgehog Signaling , Dopaminergic Neurogenesis

Application Details

Application Notes:	WB Suggested Anti-GLI1 Antibody Titration: 1.25 µg/mL ELISA Titer: 1:62500 Positive Control: Jurkat cell lysate. Optimal working dilutions should be determined experimentally by the investigator.
Comment:	Antigen size: 1106 AA
Restrictions:	For Research Use only

Handling

Format:	Liquid
Concentration:	Lot specific
Buffer:	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09 % (w/v) sodium azide and 2 % sucrose.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which

Handling

	should be handled by trained staff only.
Handling Advice:	Avoid repeated freeze-thaw cycles.
Storage:	-20 °C
Storage Comment:	For short term use, store at 2-8°C up to 1 week. For long term storage, store at -20°C in small aliquots to prevent freeze-thaw cycles.

Images



Rabbit Anti-GLI1 Antibody
Catalog Number: P100609
Lot Number: QC7097
LaneA: Marker
LaneB: Jurkat Cell Lysate

Antibody Titration: 1.25µg/ml
Gel Concentration: 8%

70 kDa
60 kDa
48 kDa
36 kDa

A B

Western Blotting

Image 1. WB Suggested Anti-GLI1

Antibody Titration: 1.25 µg/mL ELISA Titer: 1:62500

Positive Control: Jurkat cell lysate



70 kDa
60 kDa
48 kDa
36 kDa

A B

Western Blotting

Image 2. WB Suggested Anti-GLI1 Antibody Titration: 1.25ug/ml ELISA Titer: 1:62500 Positive Control: Jurkat cell lysate