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Datasheet for ABIN1715022 **anti-GLI4 antibody (AA 271-376)**

Overview

Quantity:	100 µL
Target:	GLI4
Binding Specificity:	AA 271-376
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This GLI4 antibody is un-conjugated
Application:	Western Blotting (WB), ELISA, Immunofluorescence (Cultured Cells) (IF (cc)), Immunofluorescence (Paraffin-embedded Sections) (IF (p)), Immunohistochemistry (Paraffin- embedded Sections) (IHC (p)), Immunohistochemistry (Frozen Sections) (IHC (fro)), Immunocytochemistry (ICC)

Product Details

Immunogen:	KLH conjugated synthetic peptide derived from human GLI4
Isotype:	IgG
Cross-Reactivity:	Human
Predicted Reactivity:	Mouse,Rat,Cow,Pig,Horse
Purification:	Purified by Protein A.

Target Details

Target:	GLI4
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Target Details

Alternative Name:	GLI4 (GLI4 Products)
Background:	<p>Synonyms: GLI 4, GLI Kruppel family member GLI 4, GLI Kruppel family member GLI4, GLI4, GLI4_HUMAN, HKR 4, HKR4, HKR4 protein, Krueppel related zinc finger protein 4, Krueppel-related zinc finger protein 4, Neural specic DNA binding protein, Oncogene HKR 4, Oncogene HKR4, Protein HKR 4, Protein HKR4, Zinc finger protein GLI 4, Zinc finger protein GLI4.</p> <p>Background: Zinc-finger proteins contain DNA-binding domains and have a wide variety of functions, most of which encompass some form of transcriptional activation or repression. The majority of zinc-finger proteins contain a krueppel-type DNA binding domain and a KRAB domain, which is thought to interact with KAP1, thereby recruiting histone modifying proteins.</p> <p>GLI-4, also known as HKR4, is a 376 amino acid protein that localizes to the nucleus and contains seven C2H2-type zinc fingers. Belonging to the krueppel C2H2-type zinc-finger protein family, GLI-4 may function as a transcriptional regulator, effectively activating or repressing the transcription of target genes. The gene encoding GLI-4 maps to human chromosome 8, which consists of nearly 146 million base pairs, houses more than 800 genes and is associated with a variety of diseases and malignancies.</p>
Gene ID:	2738

Application Details

Application Notes:	WB 1:300-5000 ELISA 1:500-1000 IHC-P 1:200-400 IHC-F 1:100-500 IF(IHC-P) 1:50-200 IF(IHC-F) 1:50-200 IF(ICC) 1:50-200 ICC 1:100-500
Restrictions:	For Research Use only

Handling

Format:	Liquid
Concentration:	1 µg/µL
Buffer:	0.01M TBS(pH 7.4) with 1 % BSA, 0.02 % Proclin300 and 50 % Glycerol.
Preservative:	ProClin

Handling

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