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Datasheet for ABIN5003534

## anti-GLI4 antibody (AA 271-376) (Alexa Fluor 750)

### Overview

Quantity:	100 µL
Target:	GLI4
Binding Specificity:	AA 271-376
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This GLI4 antibody is conjugated to Alexa Fluor 750
Application:	Western Blotting (WB), Immunofluorescence (Cultured Cells) (IF (cc)), Immunofluorescence (Paraffin-embedded Sections) (IF (p))

### 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
Alternative Name:	GLI4 ( <a href="#">GLI4 Products</a> )

## Target Details

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**Background:** 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.

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. 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.

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**Gene ID:** 2738

## Application Details

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**Application Notes:** IF(IHC-P) 1:50-200  
IF(IHC-F) 1:50-200  
IF(ICC) 1:50-200

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**Restrictions:** For Research Use only

## Handling

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**Format:** Liquid

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**Concentration:** 1 µg/µL

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**Buffer:** Aqueous buffered solution containing 0.01M TBS ( pH 7.4) with 1 % BSA, 0.03 % Proclin300 and 50 % Glycerol.

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**Preservative:** ProClin

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**Precaution of Use:** This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE, which should be handled by trained staff only.

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**Storage:** -20 °C

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**Storage Comment:** Store at -20°C. Aliquot into multiple vials to avoid repeated freeze-thaw cycles.

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## Handling

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Expiry Date: 12 months