



[Go to Product page](#)

Datasheet for ABIN1707101
anti-GLI4 antibody (AA 271-376) (Cy5.5)

Overview

| | |
|----------------------|--|
| Quantity: | 100 µL |
| Target: | GLI4 |
| Binding Specificity: | AA 271-376 |
| Reactivity: | Human |
| Host: | Rabbit |
| Clonality: | Polyclonal |
| Conjugate: | This GLI4 antibody is conjugated to Cy5.5 |
| 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 (GLI4 Products) |

Target Details

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.

Gene ID: 2738

Application Details

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

Restrictions: For Research Use only

Handling

Format: Liquid

Concentration: 1 µg/µL

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

Preservative: ProClin

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

Storage: -20 °C

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

Handling

Expiry Date: 12 months