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Datasheet for ABIN2813771

anti-GLI4 antibody (AA 271-376) (Alexa Fluor 594)

Overview

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| 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 594 |
| Application: | Western Blotting (WB), Immunofluorescence (Cultured Cells) (IF (cc)), Immunofluorescence (Paraffin-embedded Sections) (IF (p)) |

Product Details

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| 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

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| Target: | GLI4 |
| Alternative Name: | GLI4 (GLI4 Products) |

Target Details

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| 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> |
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| Gene ID: | 2738 |
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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 |
| Restrictions: | For Research Use only |

Handling

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| 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