

Rabbit Anti-GLI4/AF350 Conjugated antibody

SL13373R-AF350

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| Product Name | Anti-GLI4/AF350 |
| Chinese Name | AF350 标记的转录因子 Gli4/Zinc finger proteingli4 抗体 |
| Alias | 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 specific DNA binding protein; Oncogene HKR 4; Oncogene HKR4; Protein HKR 4; Protein HKR4; Zinc finger protein GLI 4; Zinc finger protein GLI4. |
| Research Area | Tumour transcriptional regulatory factor Zinc finger protein Epigenetics |
| Immunogen Species | Rabbit |
| Clonality | Polyclonal |
| React Species | Human(predicted:Mouse,Rat,Pig,Cow,Horse) IF=1:100-500 |
| Applications | not yet tested in other applications. optimal dilutions/concentrations should be determined by the end user. |
| Molecular weight | 41kDa |
| Form | Lyophilized or Liquid |
| Concentration | 1mg/ml |
| immunogen | KLH conjugated synthetic peptide derived from human GLI4 |
| Lsotype | IgG |
| Purification | affinity purified by Protein A |
| Storage Buffer | 1M TBS(pH7.4) with 1% BSA, 3% Proclin300 and 50% Glycerol |
| Storage | Store at -20 °C for one year. Avoid repeated freeze/thaw cycles. The lyophilized antibody is stable at room temperature for at least one month and for greater than a year when kept at -20°C. When reconstituted in sterile pH 7.4 1M PBS or diluent of antibody the antibody is stable for at least two weeks at 2-4 °C. |
| Product Detail | 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.

Subcellular Location:

Nucleus.

Similarity:

Belongs to the krueppel C2H2-type zinc-finger protein family.
Contains 7 C2H2-type zinc fingers.

Database links:

[Entrez Gene: 2738](#) Human

[Omim: 165280](#) Human

[SwissProt: P10075](#) Human

[Unigene: 400533](#) Human

Important Note:

This product as supplied is intended for research use only, not for use in human, therapeutic or diagnostic applications.