

GLI4 Rabbit pAb

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Catalog # AP55149

Product Information

Application	WB, IHC-P, IHC-F, IF
Primary Accession	P10075
Reactivity	Human
Predicted	Rat, Pig, Mouse, Horse
Host	Rabbit
Clonality	Polyclonal
Calculated MW	41145
Physical State	Liquid
Immunogen	KLH conjugated synthetic peptide derived from human GLI4
Epitope Specificity	271-376/376
Isotype	IgG
Purity	affinity purified by Protein A
Buffer	0.01M TBS (pH7.4) with 1% BSA, 0.02% Proclin300 and 50% Glycerol.
SUBCELLULAR LOCATION	Nucleus.
Important Note	This product as supplied is intended for research use only, not for use in human, therapeutic or diagnostic applications.
Background Descriptions	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.

Additional Information

Gene ID	2738
Other Names	Zinc finger protein GLI4, Krueppel-related zinc finger protein 4, Protein HKR4, GLI4, HKR4
Dilution	WB=1:500-2000,IHC-P=1:100-500,IHC-F=1:100-500,IF=1:100-500
Storage	Store at -20 °C for one year. Avoid repeated freeze/thaw cycles. When reconstituted in sterile pH 7.4 0.01M PBS or diluent of antibody the antibody is stable for at least two weeks at 2-4 °C.

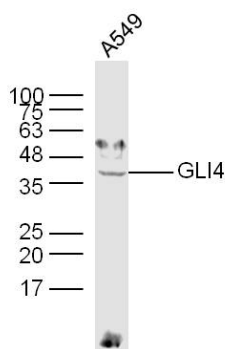
Protein Information

Name	GLI4
Synonyms	HKR4
Cellular Location	Nucleus.

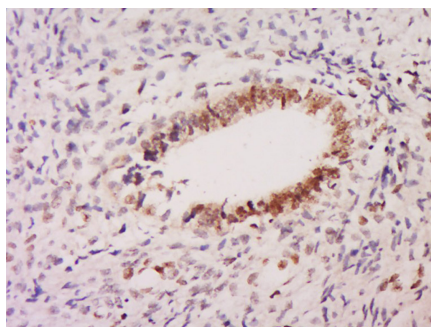
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Images



Sample:
A549 Cell (Human) Lysate at 30 ug
Primary: Anti-GLI4 (AP55149) at 1/300 dilution
Secondary: IRDye800CW Goat Anti-Rabbit IgG at 1/20000 dilution
Predicted band size: 41 kD
Observed band size: 41 kD



Tissue/cell: human cervical cancer; 4%
Paraformaldehyde-fixed and paraffin-embedded;
Antigen retrieval: citrate buffer (0.01M, pH 6.0), Boiling bathing for 15min; Block endogenous peroxidase by 3% Hydrogen peroxide for 30min; Blocking buffer (normal goat serum,C-0005) at 37°C for 20 min;
Incubation: Anti-GLI4 Polyclonal Antibody, Unconjugated(AP55149) 1:500, overnight at 4°C, followed by conjugation to the secondary antibody(SP-0023) and DAB(C-0010) staining

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