

GLIS1 Rabbit pAb

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Catalog # AP56187

Product Information

Application	IHC-P, IHC-F, IF
Primary Accession	Q8NBF1
Predicted	Rat, Pig, Human, Mouse, Rabbit
Host	Rabbit
Clonality	Polyclonal
Calculated MW	65976
Physical State	Liquid
Immunogen	KLH conjugated synthetic peptide derived from human GLIS1
Epitope Specificity	251-350/620
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	GLIS1 is a GLI (MIM 165220)-related Kruppel-like zinc finger protein that functions as an activator and repressor of transcription (Kim et al., 2002 [PubMed 12042312]).[supplied by OMIM, Mar 2008]

Additional Information

Gene ID	148979
Other Names	Zinc finger protein GLIS1, GLI-similar 1, GLIS1 (HGNC:29525)
Dilution	IHC-P=1:100-500,IHC-F=1:100-500,ICC/IF=1:100-500,IF=1:100-500,ELISA=1:500 0-10000
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	GLIS1 (HGNC:29525)
Function	Acts both as a repressor and an activator of transcription (PubMed: 21654807). Binds to the consensus sequence 5'-GACCACCCAC-3' (By similarity). By controlling the expression of genes involved in cell

differentiation inhibits the lineage commitment of multipotent cells (PubMed:[21654807](#)). Prevents, for instance, the differentiation of multipotent mesenchymal cells into adipocyte and osteoblast (By similarity).

Cellular Location

Nucleus {ECO:0000250|UniProtKB:Q8K1M4}.

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Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.