

**GLIS1 Polyclonal Antibody**  
**Purified Rabbit Polyclonal Antibody (Pab)**  
**Catalog # AP56187**

**Specification**

**GLIS1 Polyclonal Antibody - Product Information**

Application	IHC-P, IHC-F, IF, ICC, E
Primary Accession	<a href="#">Q8NBF1</a>
Reactivity	Rat, Pig, Bovine
Host	Rabbit
Clonality	Polyclonal
Calculated MW	66 KDa
Physical State	Liquid
Immunogen	KLH conjugated synthetic peptide derived from human GLIS1
Epitope Specificity	251-350/620
Isotype	IgG
<b>Purity</b>	
affinity purified by Protein A	
Buffer	0.01M TBS (pH7.4) with 1% BSA, 0.02% Proclin300 and 50% Glycerol.
SUBCELLULAR LOCATION	Nucleus.
SIMILARITY	Belongs to the GLI C2H2-type zinc-finger protein family. Contains 5 C2H2-type zinc fingers.
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]

**GLIS1 Polyclonal Antibody - Additional Information**

**Gene ID** 148979

**Other Names**

Zinc finger protein GLIS1, GLI-similar 1, GLIS1 ([http://www.genenames.org/cgi-bin/gene\\_symbol\\_report?hgnc\\_id=29525](http://www.genenames.org/cgi-bin/gene_symbol_report?hgnc_id=29525))  
[HGNC:29525](#))

**Dilution**

IHC-P~~N/A  
IHC-F~~N/A  
IF~~1:50~200  
ICC~~N/A  
E~~N/A

**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.

## **GLIS1 Polyclonal Antibody - Protein Information**

**Name** GLIS1 ([HGNC:29525](#))

### **Function**

Acts both as a repressor and an activator of transcription (PubMed:<a href="http://www.uniprot.org/citations/21654807" target="\_blank">21654807</a>). 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:<a href="http://www.uniprot.org/citations/21654807" target="\_blank">21654807</a>). Prevents, for instance, the differentiation of multipotent mesenchymal cells into adipocyte and osteoblast (By similarity).

### **Cellular Location**

Nucleus {ECO:0000250|UniProtKB:Q8K1M4}.

## **GLIS1 Polyclonal Antibody - Protocols**

Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

## **GLIS1 Polyclonal Antibody - Images**