

Glis1 antibody - N-terminal region
Rabbit Polyclonal Antibody
Catalog # AI11235**Specification**

Glis1 antibody - N-terminal region - Product Information

Application	WB
Primary Accession	O8K1M4
Other Accession	NM_147221 , NP_671754
Reactivity	Mouse, Rat, Rabbit, Pig, Bovine, Dog
Predicted	Mouse, Rat, Dog
Host	Rabbit
Clonality	Polyclonal
Calculated MW	84kDa KDa

Glis1 antibody - N-terminal region - Additional Information**Gene ID** 230587**Alias Symbol** Gli5, Gli6, GliH1**Other Names**Zinc finger protein GLIS1, GLI-similar 1, Gli homologous protein 1, GliH1, Glis1
{ECO:0000312|MGI:MGI:2386723}, Gli5**Format**

Liquid. Purified antibody supplied in 1x PBS buffer with 0.09% (w/v) sodium azide and 2% sucrose.

Reconstitution & Storage

Add 50 ul of distilled water. Final anti-Glis1 antibody concentration is 1 mg/ml in PBS buffer with 2% sucrose. For longer periods of storage, store at 20°C. Avoid repeat freeze-thaw cycles.

Precautions

Glis1 antibody - N-terminal region is for research use only and not for use in diagnostic or therapeutic procedures.

Glis1 antibody - N-terminal region - Protein Information**Name** Glis1 {ECO:0000312|MGI:MGI:2386723}**Synonyms** Gli5**Function**

Acts both as a repressor and an activator of transcription (PubMed:12042312, PubMed:12385751, PubMed:21654807). Binds to the consensus sequence 5'-GACCACCCAC-3' (PubMed:12042312). By

controlling the expression of genes involved in cell differentiation inhibits the lineage commitment of multipotent cells (PubMed:21654807, PubMed:30544251). Prevents, for instance, the differentiation of multipotent mesenchymal cells into adipocyte and osteoblast (PubMed:30544251).

Cellular Location

Nucleus.

Tissue Location

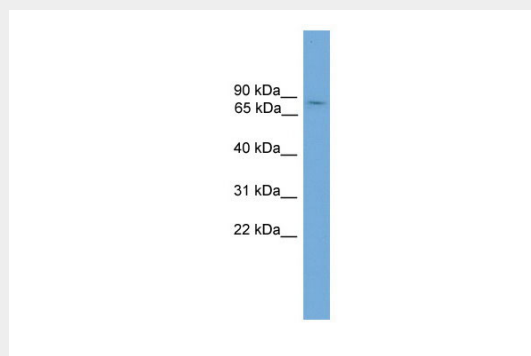
In the adult, expressed highly in placenta and kidney and at lower levels in the testis, brain, colon, brown fat tissue and thymus. During embryo development, expressed in the frontal nasal region, branchial arches, somites, vibrissal and hair follicles, limb buds, craniofacial regions, ventral part of the tail, intervertebral disks, teeth, eyes and kidney

Glis1 antibody - N-terminal region - 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 antibody - N-terminal region - Images



WB Suggested Anti-Glis1 Antibody Titration: 0.2-1 µg/ml
Positive Control: Mouse Kidney