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Glis1 antibody - N-terminal region

Rabbit Polyclonal Antibody
Catalog # AI11235

Product Information

Application	WB
Primary Accession	Q8K1M4
Other Accession	NM_147221, NP_671754
Reactivity	Mouse, Rat, Rabbit, Pig, Dog, Bovine
Predicted	Mouse, Rat, Dog
Host	Rabbit
Clonality	Polyclonal
Calculated MW	84172

Additional Information

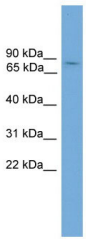
Gene ID	230587
Alias Symbol	Gli5, Gli6, GliH1
Other Names	Zinc finger protein GLIS1, GLI-similar 1, Gli homologous protein 1, GliH1, Glis1 {ECO:0000312|MGI:MGI:2386723}, Gli5
Format	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09% (w/v) sodium azide and 2% sucrose.
Reconstitution & Storage	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.

Protein Information

Name	Glis1 {ECO:0000312|MGI:MGI:2386723}
Synonyms	Gli5
Function	Acts both as a repressor and an ctivator 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

Images



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

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