



GLIS3 mouse mAb

Catalog No	YP-mAb-12403
Isotype	IgG
Reactivity	Human;Mouse;Rat
Applications	WB
Gene Name	GLIS3 ZNF515
Immunogen	Synthesized peptide derived from human GLIS3 AA range: 381-431
Specificity	This antibody detects endogenous levels of GLIS3 at Human/Mouse
Formulation	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
Source	Monoclonal, Mouse,IgG
Purification	The antibody was affinity-purified from mouse antiserum by affinity-chromatography using epitope-specific immunogen.
Dilution	WB 1:500-1:2000
Concentration	1 mg/ml
Purity	≥90%
Storage Stability	-20°C/1 year
Synonyms	GLI similar 3;GLIS family zinc finger 3;GLIS3;Zinc finger protein 515;Zinc finger protein GLIS3;ZNF515;GLIS3 ZNF515
Observed Band	85kD
Calculated Molecular Weight	85kD
Cell Pathway	Nucleus .
Tissue Specificity	In the adult, expressed at high levels in the kidney and at lower levels in the brain, skeletal muscle, pancreas, liver, lung, thymus and ovary.
Function	disease:Defects in GLIS3 are a cause of NDH syndrome [MIM:610199]; also called neonatal diabetes mellitus with congenital hypothyroidism. NDH syndrome is a new neonatal diabetes syndrome associated with congenital hypothyroidism, congenital glaucoma, hepatic fibrosis and polycystic kidneys., function:Acts as both a repressor and activator of transcription. Binds to the consensus sequence 5'-GACCACCCAC-3'.,similarity:Belongs to the GLI C2H2-type zinc-finger protein family.,similarity:Contains 5 C2H2-type zinc fingers., tissue specificity:In the adult, expressed at high levels in the kidney and at lower levels in the brain, skeletal muscle, pancreas, liver, lung, thymus and ovary.,



Background

This gene is a member of the GLI-similar zinc finger protein family and encodes a nuclear protein with five C2H2-type zinc finger domains. This protein functions as both a repressor and activator of transcription and is specifically involved in the development of pancreatic beta cells, the thyroid, eye, liver and kidney. Mutations in this gene have been associated with neonatal diabetes and congenital hypothyroidism (NDH). Alternatively spliced variants that encode different protein isoforms have been described but the full-length nature of only two have been determined. [provided by RefSeq, Jul 2008],

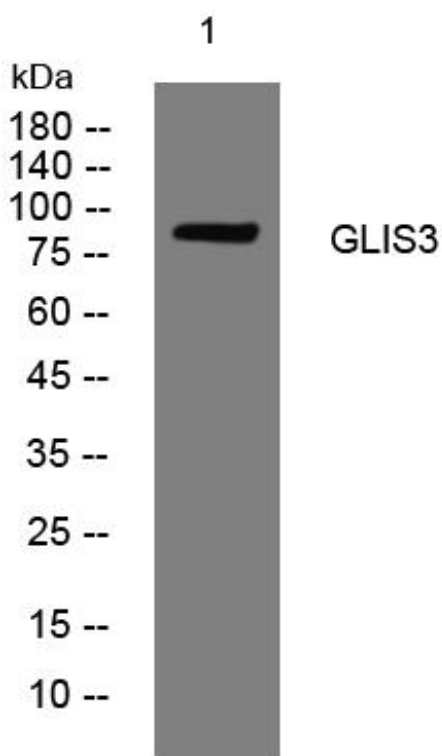
matters needing attention

Avoid repeated freezing and thawing!

Usage suggestions

This product can be used in immunological reaction related experiments. For more information, please consult technical personnel.

Products Images



Western Blot analysis of various cells using GLIS3 mouse mAb