



Anti-GliS2 (aa 73-122) polyclonal antibody (CABT-BL1630)

This product is for research use only and is not intended for diagnostic use.

PRODUCT INFORMATION

Immunogen	A region within synthetic peptide: FSAAPLV DLS LSPPSGLDSP NGSSSLSPER QGNGDLPPVP SASDFQPLRY, corresponding to N terminal amino acids 73-122 of Human GliS2
Isotype	IgG
Source/Host	Rabbit
Species Reactivity	Human
Purification	Protein A purified
Conjugate	Unconjugated
Applications	ELISA, WB
Cellular Localization	Nuclear
Format	Liquid
Buffer	2% Sucrose, PBS
Preservative	None
Storage	Shipped at 4°C. Upon delivery aliquot and store at -20°C. Avoid freeze / thaw cycles.

BACKGROUND

Introduction	This gene is a member of the GLI-similar zinc finger protein family and encodes a nuclear transcription factor with five C2H2-type zinc finger domains. The protein encoded by this gene
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is widely expressed at low levels in the neural tube and peripheral nervous system and likely promotes neuronal differentiation. It is abundantly expressed in the kidney and may have a role in the regulation of kidney morphogenesis. p120 regulates the expression level of this protein and induces the cleavage of this proteins C-terminal zinc finger domain. This protein also promotes the nuclear translocation of p120. Mutations in this gene cause nephronophthisis (NPHP), an autosomal recessive kidney disease characterized by tubular basement membrane disruption, interstitial lymphohistiocytic cell infiltration, and development of cysts at the corticomedullary border of the kidneys.

GENE INFORMATION

Entrez Gene ID	84662
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Protein Refseq	NP_115964
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UniProt ID	Q9BZE0
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