abcam

Product datasheet

Anti-GliS2/NKL antibody ab28462

1 References 1 图像

概述

产品名称	Anti-GliS2/NKL抗体
描述	**兔多克隆抗体**to GliS2/NKL
宿主	Rabbit
特异性	ab28462 recognises GLIS2/NKL.
经测试应用	**适用于:** WB, ELISA
种属反应性	**与反应:** Human **预测可用于:** Mouse, Rat, Chicken, Cow, Dog
免疫原	Synthetic peptide within Human GliS2/NKL aa 183-232 (N terminal). The exact sequence is proprietary. Sequence: QDLVDHVNDYHVKPEKDAGYCCHWEGCARHGRGFNARYKMLI HIRTHTNE Database link: **Q9BZE0** **Run BLAST with** **Run BLAST with**
阳性对照	HepG2 whole cell lysate (**ab7900**)
常规说明	This product was previously labelled as GliS2

性能

形式	Liquid
存放说明	Shipped at 4°C. Upon delivery aliquot and store at -20°C. Avoid freeze / thaw cycles.
存储溶液	pH: 7.2 Preservative: 0.09% Sodium azide Constituents: 2% Sucrose, PBS
纯度	Immunogen affinity purified
克隆	**多克隆**
同种型	IgG

应用

The Abpromise guarantee **Abpromise™承诺保证使用ab28462于以下的经测试应用**

"应用说明"部分 下显示的仅为推荐的起始稀释度;实际最佳的稀释度/浓度应由使用者检定。

应用	Ab评论	说明
WB		Use a concentration of 0.5 µg/ml. Detects a band of approximately 56 kDa (predicted molecular weight: 56 kDa). Good results were obtained when blocked with 5% non-fat dry milk in 0.05% PBS-T.
ELISA		1/312500.

靶标

功能 Can act either as a transcription repressor or as a transcription activator, depending on the cell context. Represses the transcriptional activation mediated by CTNNB1 in the Wnt pathway. May act by recruiting the corepressors CTBP1 and HDAC3. May be involved in neuron differentiation.

组织特异性 Expressed at high levels in kidney and at low levels in heart, lung and placenta. Expressed in colon.

疾病相关 Defects in GLIS2 are the cause of nephronophthisis type 7 (NPHP7) [MIM:611498]. NPHP7 is an autosomal recessive disorder resulting in end-stage renal disease during childhood or adolescence. It is a progressive tubulo-interstitial kidney disorder histologically characterized by modifications of the tubules with thickening of the basement membrane, interstitial fibrosis and, in the advanced stages, medullary cysts.

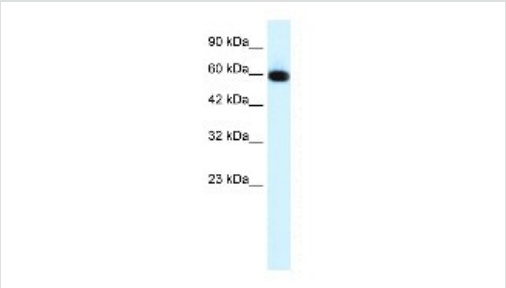
序列相似性 Belongs to the GLI C2H2-type zinc-finger protein family.
Contains 5 C2H2-type zinc fingers.

结构域 The C2H2-type zinc finger 1 has a major repressor function and is required for CTNNB1 binding.

翻译后修饰 C-terminus cleavage is induced by interaction with CTNND1 and enhanced by Src tyrosine kinase.

细胞定位 Nucleus speckle. Cytoplasm.

图片



Western blot - Anti-GliS2/NKL antibody (ab28462)

Anti-GliS2/NKL antibody (ab28462) at 0.5 µg/ml

Predicted band size: 56 kDa

Observed band size: 56 kDa

GliS2/NKL detected in HepG2 cell lysate. Gel concentration: 12%.

A secondary HRP conjugated anti-Rabbit IgG has been used

(suggested dilution: 1: 50,000 - 100,000)

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