

产品名称: STK36 Rabbit Polyclonal Antibody
产品货号: APRab18397



产品概述 (Summary)

产品名称 (Production Name)	STK36 Rabbit Polyclonal Antibody
描述 (Description)	Rabbit polyclonal Antibody
宿主 (Host)	Rabbit
应用 (Application)	WB,IHC,ICC/IF,ELISA
种属反应性 (Reactivity)	Human,Mouse

产品性能 (Performance)

偶联物 (Conjugation)	Unconjugated
修饰 (Modification)	Unmodified
同种型 (Isotype)	IgG
克隆 (Clonality)	Polyclonal
形式 (Form)	Liquid
存放说明 (Storage)	Store at 4°C short term. Aliquot and store at -20°C long term. Avoid freeze/thaw cycles.
储存溶液 (Buffer)	Liquid in PBS containing 50% glycerol, 0.5% protective protein and 0.02% New type preservative N.
纯化方式 (Purification)	Affinity purification

免疫原信息 (Immunogen)

基因名 (Gene Name)	STK36
别名 (Alternative Names)	STK36; KIAA1278; Serine/threonine-protein kinase 36; Fused homolog
基因 ID (Gene ID)	27148.0
蛋白 ID (SwissProt ID)	Q9NRP7.The antiserum was produced against synthesized peptide derived from human STK36. AA range:387-436

产品应用 (Application)

稀释比 (Dilution Ratio)	WB 1:500-1:2000,IHC 1:100-1:300,ICC/IF 1:50-1:200,ELISA 1:5000-1:10000
蛋白分子量 (Molecular Weight)	170kDa

研究背景 (Background)

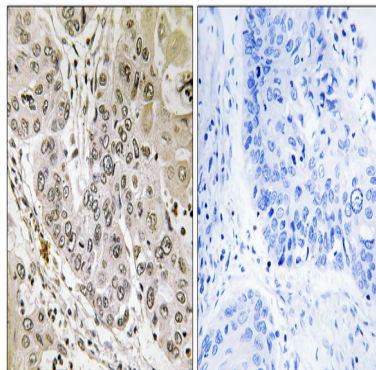
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This gene encodes a member of the serine/threonine kinase family of enzymes. This family member is similar to a Drosophila protein that plays a key role in the Hedgehog signaling pathway. This human protein is a positive regulator of the GLI zinc-finger transcription factors. Knockout studies of the homologous mouse gene suggest that defects in this human gene may lead to congenital hydrocephalus, possibly due to a functional defect in motile cilia. Because Hedgehog signaling is frequently activated in certain kinds of gastrointestinal cancers, it has been suggested that this gene is a target for the treatment of these cancers. Alternative splicing of this gene results in multiple transcript variants. [provided by RefSeq, Aug 2011], catalytic activity: ATP + a protein = ADP + a phosphoprotein., cofactor: Magnesium., function: Serine/threonine protein kinase required for postnatal development, possibly by regulating the homeostasis of cerebral spinal fluid or ciliary function. Controls the activity of the transcriptional regulators GLI1, GLI2 and GLI3 by opposing the effect of SUFU and promoting their nuclear localization. GLI2 requires an additional function of STK36 to become transcriptionally active, but the enzyme does not need to possess an active kinase catalytic site for this to occur., similarity: Belongs to the protein kinase superfamily. Ser/Thr protein kinase family., similarity: Contains 1 protein kinase domain., subcellular location: Low levels also present in the nucleus., tissue specificity: Expressed at low levels in most fetal tissues, adult ovaries and at high levels in adult testis, where it is localized in germ cells.,

研究领域 (Research Area)

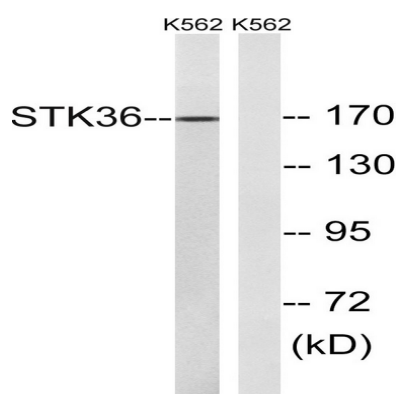
Hedgehog; Pathways in cancer; Basal cell carcinoma;

图片 (Image Data)

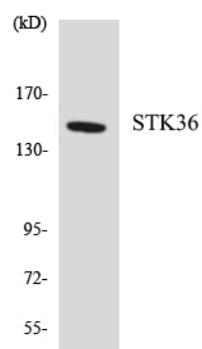


Immunohistochemistry analysis of paraffin-embedded human lung carcinoma tissue, using STK36 Antibody. The picture on the right is blocked with the synthesized peptide.

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Western blot analysis of lysates from K562 cells, using STK36 Antibody. The lane on the right is blocked with the synthesized peptide.



Western blot analysis of the lysates from HepG2 cells using STK36 antibody.

注意事项 (Note)

For research use only .