

产品名称: Strad Rabbit Polyclonal Antibody
产品货号: AP Rab18407



产品概述 (Summary)

产品名称 (Production Name)	Strad 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)	STRADA STRADA; LYK5; STRAD; STE20-related kinase adapter protein alpha; STRAD
别名 (Alternative Names)	alpha; STE20-related adapter protein; Serologically defined breast cancer antigen NY-BR-96
基因 ID (Gene ID)	92335.0
蛋白 ID (SwissProt ID)	Q7RTN6.The antiserum was produced against synthesized peptide derived from human STRAD. AA range:11-60

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 1:5000-1:20000
蛋白分子量 (Molecular Weight)	46kDa

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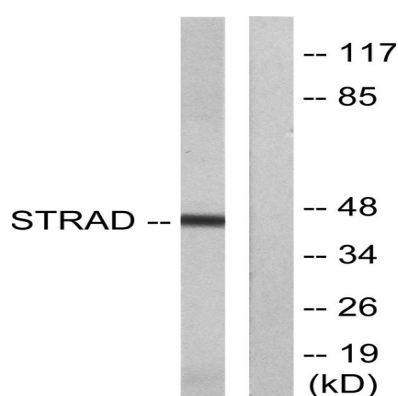
研究背景 (Background)

The protein encoded by this gene contains a STE20-like kinase domain, but lacks several residues that are critical for catalytic activity, so it is termed a 'pseudokinase'. The protein forms a heterotrimeric complex with serine/threonine kinase 11 (STK11, also known as LKB1) and the scaffolding protein calcium binding protein 39 (CAB39, also known as MO25). The protein activates STK11 leading to the phosphorylation of both proteins and excluding STK11 from the nucleus. The protein is necessary for STK11-induced G1 cell cycle arrest. A mutation in this gene has been shown to result in polyhydramnios, megalencephaly, and symptomatic epilepsy (PMSE) syndrome. Multiple transcript variants encoding different isoforms have been found for this gene. Additional transcript variants have been described but their full-length nature is not known. [provided by RefSeq, Sep 2009], disease: Deletions involving STRADA are the cause of polyhydramnios, megalencephaly, and symptomatic epilepsy syndrome (PMSE) [MIM:611087]. Affected children have large heads, infantile-onset intractable multifocal seizures and severe psychomotor retardation. Neuropathological studies reveal megalencephaly, ventriculomegaly, cytomegaly and extensive vacuolization and astrogliosis of white matter., domain: The protein kinase domain is predicted to be catalytically inactive., function: Pseudokinase which, in complex with CAB39, binds to and activates STK11. Relocates STK11 from the nucleus to the cytoplasm. Plays an essential role in STK11-mediated G1 cell cycle arrest., similarity: Belongs to the protein kinase superfamily. STE Ser/Thr protein kinase family. STE20 subfamily., similarity: Contains 1 protein kinase domain.,

研究领域 (Research Area)

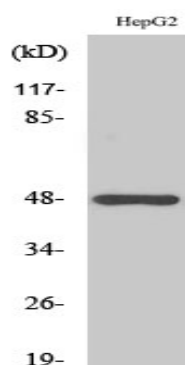
mTOR; AMPK

图片 (Image Data)



Western blot analysis of lysates from HepG2 cells, using STRAD Antibody. The lane on the right is blocked with the synthesized peptide.

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Western Blot analysis of various cells using Strad Polyclonal Antibody

注意事项 (Note)

For research use only .