

产品名称: Strad Rabbit Polyclonal Antibody

产品货号: APRab18407

产品概述 (Summary)

描述(Description)	Rabbit polyclonal Antibody
宿主(Host)	Rabbit
应用(Application)	WB,IHC,ICC/IF,ELISA
种属反应(Reactivity)	Human,Mouse
偶联物(Conjugation)	Unconjugated
修饰(Modification)	Unmodified
同种型(Isotype)	IgG
克隆(Clonality)	Polyclonal
剂型(Form)	Liquid
保存条件(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 (Purification)	Affinity purification

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
分子量(Molecular Weight)	46kDa

抗原信息(Antigen Information)

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

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 astrocytosis 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.,

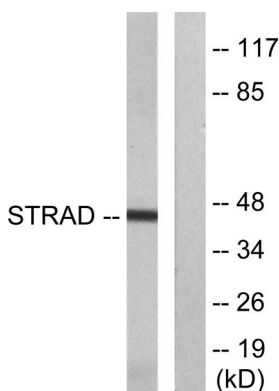
研究领域 (Research Area)

mTOR; AMPK

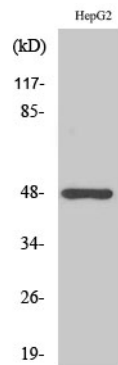
注意事项 (Note)

For research use only.

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.



Western Blot analysis of various cells using Strad Polyclonal Antibody

EnkiLife 优势产品推荐

产品类别	产品货号	产品名称
WB 解决方案	RA10020	2h 极速 WB 即用型全流程试剂盒
	RA10021	4h 快速 WB 即用型全流程试剂盒
	RA10042	5h 畅享版 WB 全流程试剂盒
	RA10037	校准级彩色预染蛋白 Marker (8-180kDa)
	RA10038	校准级彩色预染蛋白 Marker (10-250kDa)
	RA10039	校准级高分子彩色预染蛋白 Marker (25-400kDa)
TSA 多重荧光染色试剂盒	RA10008	TSA 双标三色多重荧光染色试剂盒 (mIHC)
	RA10009	TSA 三标四色多重荧光染色试剂盒 (mIHC)
	RA10010	TSA 四标五色多重荧光染色试剂盒 (mIHC)
	RA10011	TSA 五标六色多重荧光染色试剂盒 (mIHC)
	RA10012	TSA 六标七色多重荧光染色试剂盒 (mIHC)
IHC 检测试剂盒	RA10006	HRP Anti-Mouse/Rabbit IHC Detection System
	RA10007	Polymer-HRP Anti-Mouse/Rabbit IHC Detection System
抗体标记试剂盒	RE80004p	辣根过氧化物酶(HRP)抗体标记试剂盒
	RE80002q	Sulfo-NHS-生物素标记试剂盒
	RE80007p	Cy3 荧光素标记试剂盒
	RE80011p	Fluor488 荧光素标记试剂盒
	RE80017p	Fluor750 荧光素标记试剂盒
	RE80005p	藻红蛋白(R-PE) 抗体快速标记试剂盒
	RE80040	PE-Cy7 串联染料抗体快速标记试剂盒
稳转细胞系构建服务 (免费赠送全膜 WB 验证)	TS-0001	过表达稳转细胞系构建
	TS-0002	敲低稳转细胞系构建
	TS-0003	敲除细胞系构建

限于篇幅，更多产品详见官网：<https://www.enkilife.cn>