

产品名称: SPAK (phospho Ser311) Rabbit Polyclonal Antibody
产品货号: APRab05459



产品概述 (Summary)

产品名称 (Production Name)	SPAK (phospho Ser311) 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,Rat

产品性能 (Performance)

偶联物 (Conjugation)	Unconjugated
修饰 (Modification)	Phosphorylated
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)	STK39
别名 (Alternative Names)	STK39; SPAK; STE20/SPS1-related proline-alanine-rich protein kinase; Ste-20-related kinase; DCHT; Serine/threonine-protein kinase 39
基因 ID (Gene ID)	27347.0
蛋白 ID (SwissProt ID)	Q9UEW8.The antiserum was produced against synthesized peptide derived from human STK39 around the phosphorylation site of Ser311. AA range:277-326

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
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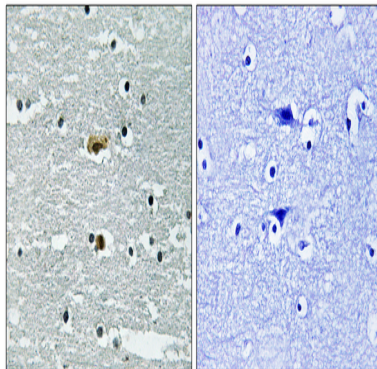
蛋白分子量 (Molecular Weight) 60kDa

研究背景 (Background)

This gene encodes a serine/threonine kinase that is thought to function in the cellular stress response pathway. The kinase is activated in response to hypotonic stress, leading to phosphorylation of several cation-chloride-coupled cotransporters. The catalytically active kinase specifically activates the p38 MAP kinase pathway, and its interaction with p38 decreases upon cellular stress, suggesting that this kinase may serve as an intermediate in the response to cellular stress. [provided by RefSeq, Jul 2008],catalytic activity:ATP + a protein = ADP + a phosphoprotein.,domain:PAPA box (proline-alanine repeats) may target the kinase to a specific subcellular location by facilitating interaction with intracellular proteins such as actin or actin-like proteins.,function:May act as a mediator of stress-activated signals.,similarity:Belongs to the protein kinase superfamily. STE Ser/Thr protein kinase family. STE20 subfamily.,similarity:Contains 1 protein kinase domain.,subcellular location:Nucleus when caspase-cleaved.,tissue specificity:Predominantly expressed in brain and pancreas followed by heart, lung, kidney, skeletal muscle, liver, placenta and testis.,

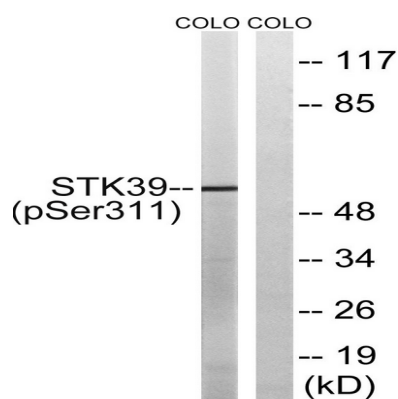
研究领域 (Research Area)

图片 (Image Data)



Immunohistochemistry analysis of paraffin-embedded human brain, using STK39 (Phospho-Ser311) Antibody. The picture on the right is blocked with the phospho peptide.

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Western blot analysis of lysates from COLO205 cells, using STK39 (Phospho-Ser311) Antibody. The lane on the right is blocked with the phospho peptide.

注意事项 (Note)

For research use only .