

产品名称: C-TAK1 Rabbit Polyclonal Antibody
产品货号: APRab09488



产品概述 (Summary)

产品名称 (Production Name)	C-TAK1 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)	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)	MARK3
别名 (Alternative Names)	MARK3; CTAK1; EMK2; MAP/microtubule affinity-regulating kinase 3; C-TAK1; cTAK1; Cdc25C-associated protein kinase 1; ELKL motif kinase 2; EMK-2; Protein kinase STK10; Ser/Thr protein kinase PAR-1; Par-1a; Serine/threonine-protein kinase p78
基因 ID (Gene ID)	4140.0
蛋白 ID (SwissProt ID)	P27448.The antiserum was produced against synthesized peptide derived from human MARK3. AA range:1-50

产品应用 (Application)

稀释比 (Dilution Ratio)	WB 1:500-1:2000,IHC 1:100-1:300,ICC/IF 1:200-1:1000,ELISA 1:20000-1:40000
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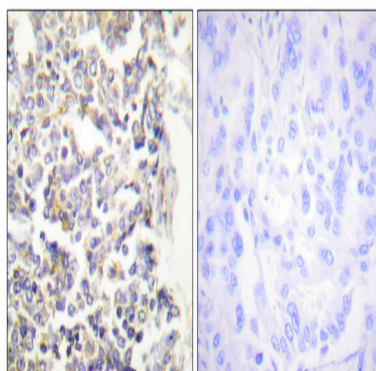
蛋白分子量 (Molecular Weight) 85kDa

研究背景 (Background)

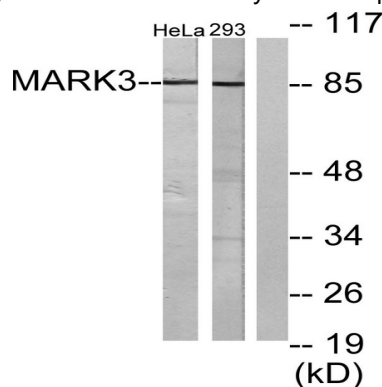
microtubule affinity regulating kinase 3(MARK3) Homo sapiens The protein encoded by this gene is activated by phosphorylation and in turn is involved in the phosphorylation of tau proteins MAP2 and MAP4. Several transcript variants encoding different isoforms have been found for this gene. [provided by RefSeq, Oct 2011],catalytic activity:ATP + a protein = ADP + a phosphoprotein.,function:Involved in the specific phosphorylation of microtubule-associated proteins for tau, MAP2 and MAP4. Phosphorylates CDC25C on 'Ser-216',similarity:Belongs to the protein kinase superfamily. CAMK Ser/Thr protein kinase family. MARK subfamily.,similarity:Contains 1 KA1 (kinase-associated) domain.,similarity:Contains 1 protein kinase domain.,similarity:Contains 1 UBA domain.,tissue specificity:Ubiquitous.,

研究领域 (Research Area)

图片 (Image Data)

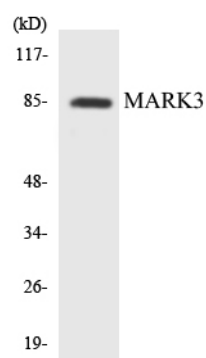


Immunohistochemistry analysis of paraffin-embedded human lung carcinoma tissue, using MARK3 Antibody. The picture on the right is blocked with the synthesized peptide.

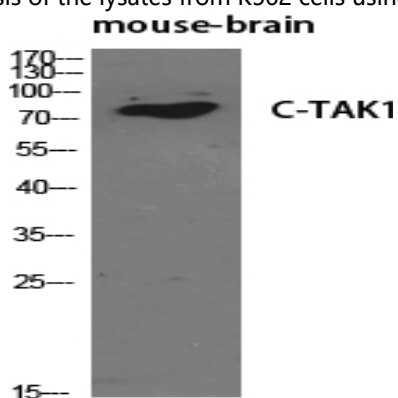


Western blot analysis of lysates from HeLa and 293 cells, using MARK3 Antibody. The lane on the right is blocked with the synthesized peptide.

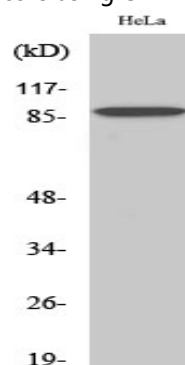
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Western blot analysis of the lysates from K562 cells using MARK3 antibody.



Western Blot analysis of various cells using C-TAK1 Polyclonal Antibody diluted at 1: 500



Western Blot analysis of 293 cells using C-TAK1 Polyclonal Antibody diluted at 1: 500

注意事项 (Note)

For research use only .