

产品名称: eEF2K Rabbit Polyclonal Antibody
产品货号: AP Rab10310



产品概述 (Summary)

产品名称 (Production Name)	eEF2K 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,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)	EEF2K
别名 (Alternative Names)	EEF2K; Eukaryotic elongation factor 2 kinase; eEF-2 kinase; eEF-2K; Calcium/calmodulin-dependent eukaryotic elongation factor 2 kinase
基因 ID (Gene ID)	29904.0
蛋白 ID (SwissProt ID)	O00418.The antiserum was produced against synthesized peptide derived from human eEF2K. AA range:331-380

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 1:10000-1:20000
蛋白分子量 (Molecular Weight)	105kDa

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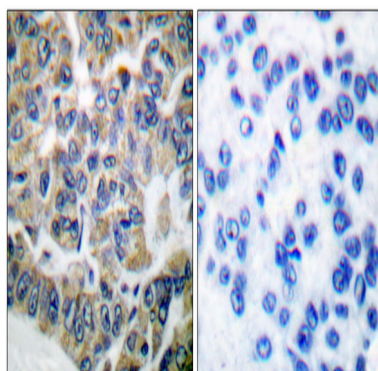
研究背景 (Background)

This gene encodes a highly conserved protein kinase in the calmodulin-mediated signaling pathway that links activation of cell surface receptors to cell division. This kinase is involved in the regulation of protein synthesis. It phosphorylates eukaryotic elongation factor 2 (EEF2) and thus inhibits the EEF2 function. The activity of this kinase is increased in many cancers and may be a valid target for anti-cancer treatment. [provided by RefSeq, Jul 2008], catalytic activity: ATP + [elongation factor 2] = ADP + [elongation factor 2] phosphate., enzyme regulation: Undergoes calcium/calmodulin-dependent intramolecular autophosphorylation, and this results in it becoming partially calcium/calmodulin-independent., function: Phosphorylates eukaryotic elongation factor-2. Binds calmodulin., similarity: Belongs to the protein kinase superfamily. Alpha-type protein kinase family., similarity: Contains 1 alpha-type protein kinase domain., subunit: Monomer or homodimer .,

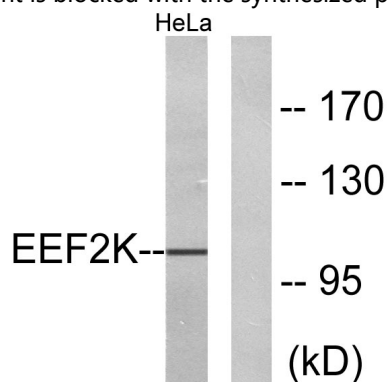
研究领域 (Research Area)

AMPK

图片 (Image Data)

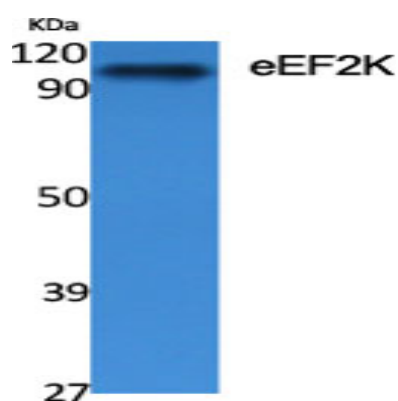


Immunohistochemistry analysis of paraffin-embedded human breast carcinoma tissue, using eEF2K Antibody. The picture on the right is blocked with the synthesized peptide.

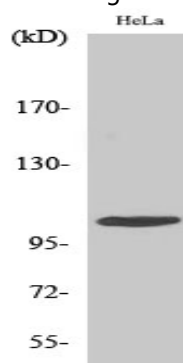


Western blot analysis of lysates from HeLa cells, treated with serum 10% 15', using eEF2K Antibody. The lane on the right is blocked with the synthesized peptide.

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Western Blot analysis of various cells using eEF2K Polyclonal Antibody diluted at 1: 500



Western Blot analysis of HeLa cells using eEF2K Polyclonal Antibody diluted at 1: 500

注意事项 (Note)

For research use only .