

产品名称: EF-2 Rabbit Polyclonal Antibody
产品货号: APRab10318



产品概述 (Summary)

产品名称 (Production Name)	EF-2 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)	EEF2
别名 (Alternative Names)	EEF2; EF2; Elongation factor 2; EF-2
基因 ID (Gene ID)	1938.0
蛋白 ID (SwissProt ID)	P13639.The antiserum was produced against synthesized peptide derived from human eEF2. AA range:31-80

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 1:5000-1:10000
蛋白分子量 (Molecular Weight)	100kDa

研究背景 (Background)

产品名称: EF-2 Rabbit Polyclonal Antibody
产品货号: APRab10318

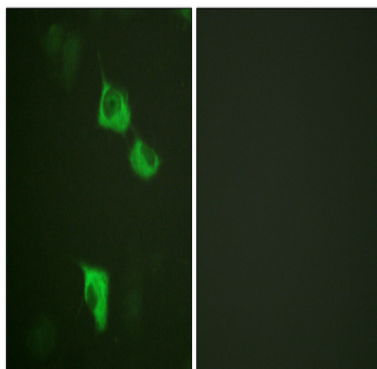


This gene encodes a member of the GTP-binding translation elongation factor family. This protein is an essential factor for protein synthesis. It promotes the GTP-dependent translocation of the nascent protein chain from the A-site to the P-site of the ribosome. This protein is completely inactivated by EF-2 kinase phosphorylation. [provided by RefSeq, Jul 2008],function:This protein promotes the GTP-dependent translocation of the nascent protein chain from the A-site to the P-site of the ribosome.,PTM:Diphthamide is 2-[3-carboxyamido-3-(trimethyl-ammonio)propyl]histidine. Diphthamide can be ADP-ribosylated by diphtheria toxin and by Pseudomonas exotoxin A.,PTM:Phosphorylation by EF-2 kinase completely inactivates EF-2.,similarity:Belongs to the GTP-binding elongation factor family. EF-G/EF-2 subfamily.,subunit:Component of the mRNA surveillance SURF complex, at least composed of ERF1, ERF3 (ERF3A or ERF3B), EEF2, UPF1/RENT1, SMG1, SMG8 and SMG9.,

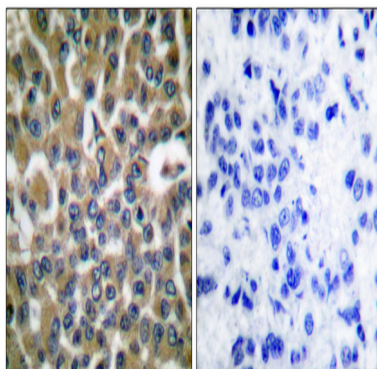
研究领域 (Research Area)

AMPK

图片 (Image Data)

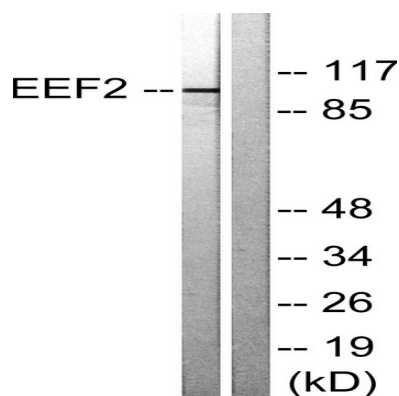


Immunofluorescence analysis of HUVEC cells, using eEF2 Antibody. The picture on the right is blocked with the synthesized peptide.

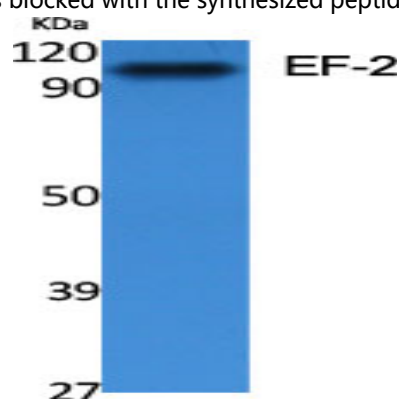


Immunohistochemistry analysis of paraffin-embedded human breast carcinoma tissue, using eEF2 Antibody. The picture on the right is blocked with the synthesized peptide.

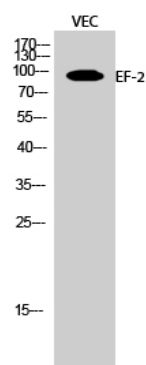
产品名称: EF-2 Rabbit Polyclonal Antibody
产品货号: APRab10318



Western blot analysis of lysates from NIH/3T3 cells, treated with serum 10% 30', using eEF2 Antibody. The lane on the right is blocked with the synthesized peptide.



Western Blot analysis of various cells using EF-2 Polyclonal Antibody diluted at 1: 2000



Western Blot analysis of VEC cells using EF-2 Polyclonal Antibody diluted at 1: 2000

注意事项 (Note)

For research use only .