

产品名称: 4E BP1 Rabbit Polyclonal Antibody
产品货号: APRab00140



产品概述 (Summary)

产品名称 (Production Name)	4E BP1 Rabbit Polyclonal Antibody
描述 (Description)	Rabbit polyclonal Antibody
宿主 (Host)	Rabbit
应用 (Application)	WB,IHC,ICC/IF,FC,IP
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)	Rabbit IgG in phosphate buffered saline , pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
纯化方式 (Purification)	Affinity Chromatography

免疫原信息 (Immunogen)

基因名 (Gene Name)	EIF4EBP1 EIF4EBP1; Eukaryotic translation initiation factor 4E-binding protein 1; 4E-BP1;
别名 (Alternative Names)	eIF4E-binding protein 1; Phosphorylated heat- and acid-stable protein regulated by insulin 1; PHAS-I
基因 ID (Gene ID)	1978
蛋白 ID (SwissProt ID)	Q13541.

产品应用 (Application)

稀释比 (Dilution Ratio)	WB 1:500-1:1000,IHC 1:50-1:100,ICC/IF 1:50-1:200,FC 1:50-1:100,IP 1:20-1:50
蛋白分子量 (Molecular Weight)	Calculated MW: 13 kDa; Observed MW: 18 kDa

产品名称: 4E BP1 Rabbit Polyclonal Antibody
产品货号: APRab00140



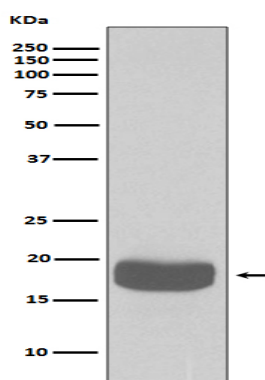
研究背景 (Background)

Translation repressor protein 4E-BP1 (also known as PHAS-1) inhibits cap-dependent translation by binding to the translation initiation factor eIF4E. Hyperphosphorylation of 4E-BP1 disrupts this interaction and results in activation of cap-dependent translation. Both the PI3 kinase/Akt pathway and FRAP/mTOR kinase regulate 4E-BP1 activity.

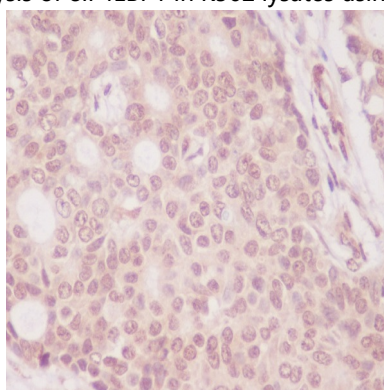
研究领域 (Research Area)

Epigenetics and Nuclear Signaling

图片 (Image Data)

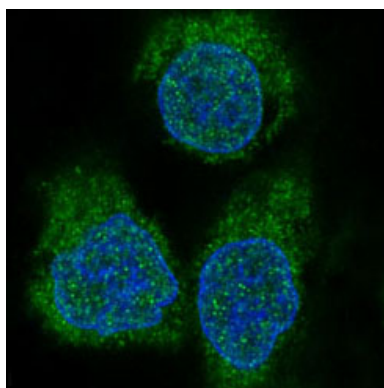


Western blot analysis of eIF4EBP1 in K562 lysates using 4E BP1 antibody.



Immunohistochemistry analysis of paraffin-embedded Human breast carcinoma using eIF4EBP1 antibody. High-pressure and temperature Sodium Citrate pH 6.0 was used for antigen retrieval.

产品名称: 4E BP1 Rabbit Polyclonal Antibody
产品货号: APRab00140



Immunofluorescence analysis of 4E BP1 in HeLa using eIF4EBP1 antibody.

注意事项 (Note)

For research use only .