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Phospho-4E-BP1 (Thr45) Rabbit pAb

货号: AYP15371

产品信息

反应	Human,Mouse,Rat
宿主	Rabbit
克隆性	Polyclonal
预测反应	
应用	WB IHC ICC/IF
推荐浓度	**WB:** 1:500 - 1:2000 **IHC:** 1:50 - 1:200 **IF :** 1:50 - 1:300
理论分子量	12kDa
实测分子量	18kDa
形式	Liquid
保存条件	Store at -20℃. Avoid freeze / thaw cycles. Buffer: PBS with 0.02% sodium azide,50% glycerol,pH7.3.
偶联物	Unconjugated
阳性对照	HeLa
细胞定位	cytoplasm,cytosol
纯化	Affinity purification

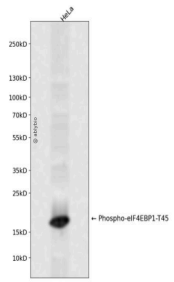
抗原信息

抗原信息	A phospho specific peptide corresponding to residues surrounding T45 of human Phospho-eIF4EBP1-T45

靶点信息

研究背景	This gene encodes one member of a family of translation repressor proteins. The protein directly interacts with eukaryotic translation initiation factor 4E (eIF4E), which is a limiting component of the multisubunit complex that recruits 40S ribosomal subunits to the 5' end of mRNAs. Interaction of this protein with eIF4E inhibits complex assembly and represses translation. This protein is phosphorylated in response to various signals including UV irradiation and insulin signaling, resulting in its dissociation from eIF4E and activation of mRNA translation.
基因ID	1978
基因名	EIF4EBP1
Swiss	Q13541 (https://www.uniprot.org/uniprotkb/Q13541/entry)
别名	4E-BP1,4EBP1,BP-1,PHAS-I,EIF4EBP1,Phospho-eIF4EBP1-T45 Rabbit pAb,Phosphorylated heat- and acid-stable protein regulated by insulin 1

产品验证



Western blot analysis of Phospho-eIF4EBP1-T45 expressed in HeLa using Phospho-eIF4EBP1-T45 Rabbit pAb at 1:1000. Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) at 1:5000. Lysates/proteins: 30ug per lane. Blocking buffer: 5% non-fat dry milk in TBST. Detection: ECL Enhanced Kit. Exposure time: 120s.

实验步骤

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