

4E BP1 RABBIT MAB

货号: N262172

产品全名: 4E BP1 兔单克隆抗体

基因符号 EIF4EBP1; Eukaryotic translation initiation factor 4E-binding protein 1; 4E-BP1; eIF4E-binding protein 1; Phosphorylated heat- and acid-stable protein regulated by insulin 1; PHAS-1

UNIPROT ID: Q13541

背景: 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.

抗原: A synthetic peptide of human eIF4EBP1

经过测试的应用: WB,IHC-P,IP

推荐稀释比: WB: 1/500-1/1000 IHC: 1/50-1/100 IP: 1/20

种属反应性: Rabbit

克隆性: Rabbit Monoclonal

克隆编号: R06-8E6

分子量: Calculated MW: 13 kDa; Observed MW: 15-20 kDa

亚型: IgG

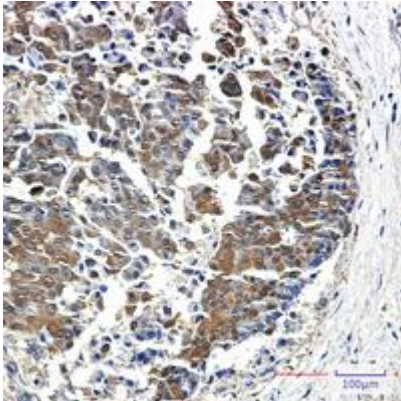
纯化: Affinity Purified

种属反应性: Human, Mouse and Rat,Hamster

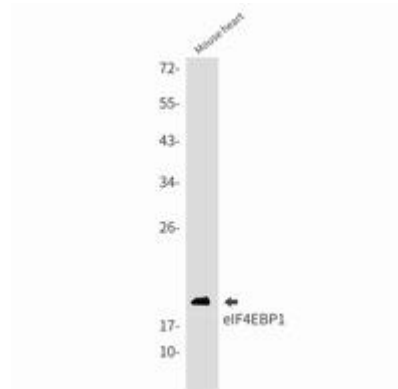
成分: PBS (without Mg²⁺ and Ca²⁺), pH 7.3 containing 50% glycerol, 0.5% BSA and 0.02% sodium azide

研究领域: Epigenetics and Nuclear Signaling

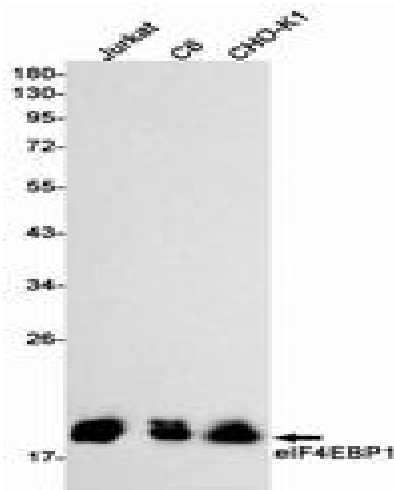
储存和运输: Store at -20°C. Avoid repeated freezing and thawing



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



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



Western blot analysis of eIF4EBP1 in Jurkat, C6, CHO-K1 lysates using eIF4EBP1 antibody.