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Phospho-eIF2α-S51 Rabbit pAb

货号: AYP12882

产品信息

反应	Human,Rat
宿主	Rabbit
克隆性	Polyclonal
预测反应	**WB:** Raw264.7 , HeLa , HepG2 , Homo sapiens
应用	WB
推荐浓度	**WB:** 1:500 - 1:1000
理论分子量	36kDa
实测分子量	38KDa
形式	Liquid
保存条件	Store at -20℃. Avoid freeze / thaw cycles. Buffer: PBS with 0.05% proclin300,50% glycerol,pH7.3.
偶联物	Unconjugated
阳性对照	HeLa,C6
细胞定位	Cytoplasmic granule
纯化	Affinity purification

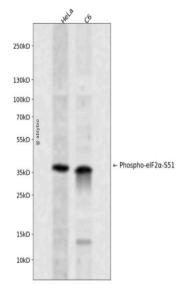
抗原信息

抗原信息	A synthetic phosphorylated peptide around S51 of human EIF2S1 (NP_004085.1).

靶点信息

研究背景	The translation initiation factor EIF2 catalyzes the first regulated step of protein synthesis initiation, prom oting the binding of the initiator tRNA to 40S ribosomal subunits. Binding occurs as a ternary complex of methionyl-tRNA, EIF2, and GTP. EIF2 is composed of 3 nonidentical subunits, the 36-kD EIF2-alpha subunit (EIF2S1), the 38-kD EIF2-beta subunit (EIF2S2; MIM 603908), and the 52-kD EIF2-gamma subunit (EIF2S3; MIM 300161). The rate of formation of the ternary complex is modulated by the phosphorylation state of EIF2-alpha (Ernst et al., 1987 [PubMed 2948954]).[supplied by OMIM, Feb 2010]
基因ID	1965
基因名	EIF2S1
Swiss	P05198 (https://www.uniprot.org/uniprotkb/P05198/entry)
别名	EIF-2,EIF-2A,EIF-2alpha,EIF2,EIF2A,EIF2S1,Phospho-eIF2α-S51 Rabbit pAb,Eukaryotic translation initiation factor 2 subunit alpha

产品验证



Western blot analysis of Phospho-eIF2α-S51 expressed in HeLa,C6 using Phospho-eIF2α-S51 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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