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# Phospho-eIF2 $\alpha$ -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	<b>WB:</b> Raw264.7 , HeLa , HepG2 , Homo sapiens
应用	WB
推荐浓度	<b>WB:</b> 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°C. 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

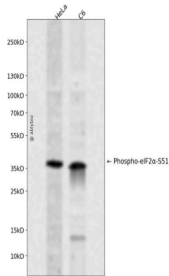
## 抗原信息

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

研究背景	The translation initiation factor EIF2 catalyzes the first regulated step of protein synthesis initiation, promoting 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 ( <a href="https://www.uniprot.org/uniprotkb/P05198/entry">https://www.uniprot.org/uniprotkb/P05198/entry</a> )
别名	EIF-2,EIF-2A,EIF-2alpha,EIF2,EIF2A,EIF2S1,Phospho-eIF2 $\alpha$ -S51 Rabbit pAb,Eukaryotic translation initiation factor 2 subunit alpha

## 产品验证



Western blot analysis of Phospho-eIF2 $\alpha$ -S51 expressed in HeLa,C6 using Phospho-eIF2 $\alpha$ -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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