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# Phospho-eIF2α-S49 Rabbit pAb

**货号: AYP11661**

## 产品信息

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|---|---|
| 反应 | Human,Mouse,Rat |
| 宿主 | Rabbit |
| 克隆性 | Polyclonal |
| 预测反应 | **IF:** Mus musculus<br>**WB:** Mus musculus , Homo sapiens |
| 应用 | WB IHC IF/ICC |
| 推荐浓度 | **WB:** 1:500 - 1:2000<br>**IHC:** 1:50 - 1:100<br>**IF/ICC:** 1:100 - 1:200 |
| 理论分子量 | 36kDa |
| 实测分子量 | 40kDa |
| 形式 | Liquid |
| 保存条件 | Store at -20℃. Avoid freeze / thaw cycles.<br>Buffer: PBS with 0.02% sodium azide,50% glycerol,pH7.3. |
| 偶联物 | Unconjugated |
| 阳性对照 | HeLa |
| 细胞定位 | Cytoplasmic granule |
| 纯化 | Affinity purification |

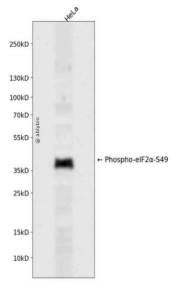
## 抗原信息

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|---|---|
| 抗原信息 | A phospho specific peptide corresponding to residues surrounding S49 of human EIF2S1 |

## 靶点信息

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| 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-S49 Rabbit pAb,Eukaryotic translation initiation factor 2 subunit alpha |

## 产品验证




Western blot analysis of Phospho-eIF2α-S49 expressed in HeLa using Phospho-eIF2α-S49 Rabbit pAb at 1: 1000. Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) at 1:5000. Lysates/proteins: 30ug per lane. Bl ocking buffer: 5% non-fat dry milk in TBST. Detection: ECL Enhanced Kit. Exposure time: 120s.

## 实验步骤

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