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Phospho-eIF2 α -S49 Rabbit pAb

货号: **AYP11661**

产品信息

反应	Human,Mouse,Rat
宿主	Rabbit
克隆性	Polyclonal
预测反应	IF: Mus musculus WB: Mus musculus , Homo sapiens
应用	WB IHC IF/ICC
推荐浓度	WB: 1:500 - 1:2000 IHC: 1:50 - 1:100 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°C. 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	Cytoplasmic granule
纯化	Affinity purification

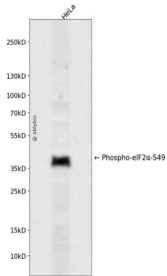
抗原信息

抗原信息	A phospho specific peptide corresponding to residues surrounding S49 of human EIF2S1
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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 (https://www.uniprot.org/uniprotkb/P05198/entry)
别名	EIF-2,EIF-2A,EIF-2alpha,EIF2,EIF2A,EIF2S1,Phospho-eIF2 α -S49 Rabbit pAb,Eukaryotic translation initiation factor 2 subunit alpha

产品验证



Western blot analysis of Phospho-eIF2 α -S49 expressed in HeLa using Phospho-eIF2 α -S49 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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