

Phospho-eIF2 α -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°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

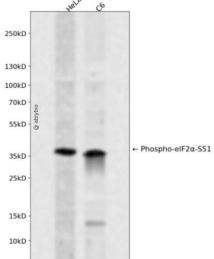
抗原信息	A synthetic phosphorylated peptide around S51 of human EIF2S1 (NP_004085.1).
序列	SELSR

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
别名	EIF-2;EIF-2A;EIF-2alpha;EIF2;EIF2A;EIF2S1

产品验证



Western blot analysis of Phospho-eIF2 α -S51 expressed in HeLa,C6 using Phospho-eIF2 α -S51 Rabbit p Ab at 1:1000. Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) at 1:5000. Lysates/proteins: 30u g 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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