

Phospho-eIF2α-S51 Rabbit pAb

货号: B12904

产品信息

反应	Human,Mouse,Rat
宿主	Rabbit
克隆性	Polyclonal
预测反应	WB: 293T cells , MSC cells , Mus musculus
应用	WB IP IF/ICC
推荐浓度	WB: 1:1000 - 1:2000 IP: 1:50 - 1:100 IF/ICC: 1:50 - 1:200
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
细胞定位	Cytoplasmic granule
纯化	Affinity purification

抗原信息

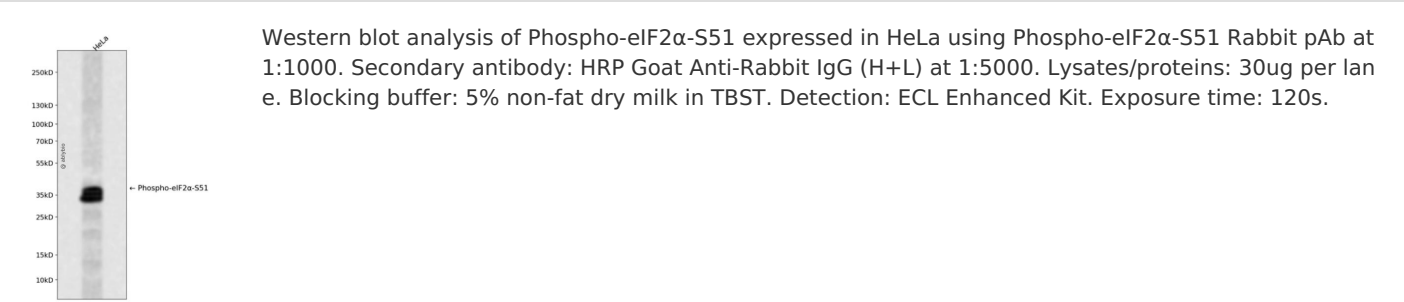
抗原信息	A synthetic phosphorylated peptide around S51 of human eIF2α (NP_004085.1).
序列	SELSR

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]
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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



实验步骤

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