

Phospho-eIF2 alpha (Ser51) Rabbit mAb

货号: B28435

产品信息

反应	Human,Mouse,Rat
宿主	Rabbit
克隆性	Monoclonal
预测反应	
应用	WB IHC IF/ICC FC
推荐浓度	WB: 1:500 - 1:2000 IHC: 1:50 - 1:200 IF/ICC: 1:50 - 1:200 FC: 1:20 - 1:50
理论分子量	36kDa
实测分子量	36kDa
形式	Liquid
保存条件	Store at -20°C. Avoid freeze / thaw cycles. Buffer: PBS with 0.75% BSA,50% glycerol,pH7.3.
偶联物	Unconjugated
阳性对照	HeLa,MCF7,293F,NIH/3T3,Mouse liver,Rat testis,PC-12
细胞定位	Cytoplasmic granule
纯化	Affinity purification

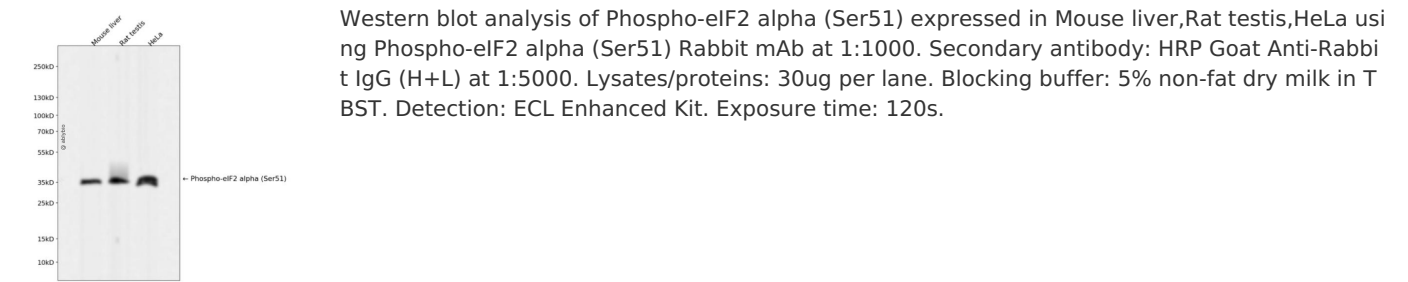
抗原信息

抗原信息	Recombinant fusion protein corresponding to Human Phospho-eIF2 alpha (Ser51).
序列	MPGLSCRFYQHKFPEVEDVVMVNVRSIAEMGAYVSLLEYNNIEGMILLSELSRRRRIRSINKLIRIGRNECVVVIRVDKEKGYIDLSKRRVSPEEAIKCEDKFTKSKTVYSILRHVAEVLEYTKDEQLES LFQRTAWVFDDKYKRPGYGAYDAFKHAVSDPSILDSL DLNEDEREVLINNINRRLTPQAVKIRADIEVACYGYEGIDAVKEALRAGLNCSTENMPIKINLIAPPRYVMTTTTLERTEGLSVLSQAMAVIKE

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



实验步骤

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