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Phospho-eIF2 alpha (Ser51) Rabbit mAb

货号: **AYM28435**

产品信息

反应	Human,Mouse,Rat
宿主	Rabbit
克隆性	Monoclonal
预测反应	
应用	WB IHC FC ICC/IF
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

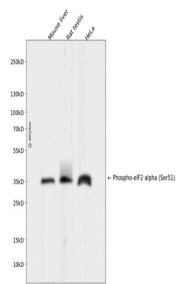
抗原信息

抗原信息	Recombinant fusion protein corresponding to Human Phospho-eIF2 alpha (Ser51).
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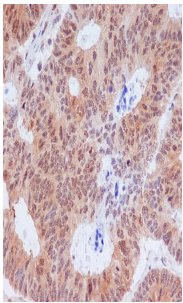
靶点信息

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	Phospho-eIF2 alpha (Ser51),EIF 2alpha,eIF-2-alpha,eIF-2A,EIF-2alpha,EIF2 alpha,EIF2,EIF2A,EIF2S1,Eukaryotic translation initiation factor 2 subunit 1 alpha 35kDa,Eukaryotic translation initiation factor 2 subunit 1 alpha,Eukaryotic translation initiation factor 2 subunit 1,Eukaryotic translation initiation factor 2 subunit alpha,IF2A_HUMAN,Phospho-eIF2 alpha (Ser51) Rabbit mAb

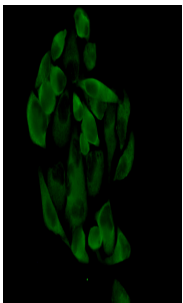
产品验证



Western blot analysis of Phospho-eIF2 alpha (Ser51) expressed in Mouse liver, Rat testis, HeLa using Phospho-eIF2 alpha (Ser51) Rabbit mAb 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.



Immunohistochemical analysis of paraffin-embedded human colon cancer, using Phospho-eIF2 alpha (Ser51) Antibody.



Immunofluorescence analysis of HeLa cells labelling Phospho-eIF2 alpha with . The cells were fixed with cold 100% methanol (10min, 4°C) and blocked in 1% BSA/10% normal goat serum/0.3M glycine in 0.1% PBS-Tween 20 for 1h. The cells were then incubate with Goat Anti-Rabbit IgG Fluor488 (1:200, shown in green) at room temperature for 1h.

实验步骤

访问官网浏览详情: www.ablybio.cn (<https://www.ablybio.cn/www.ablybio.cn>)

