

# 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 IF/ICC FC   |
| 推荐浓度  | <b>WB:</b> 1:500 - 1:2000<br><b>IHC:</b> 1:50 - 1:200<br><b>IF/ICC:</b> 1:50 - 1:200<br><b>FC:</b> 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.<br>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  |

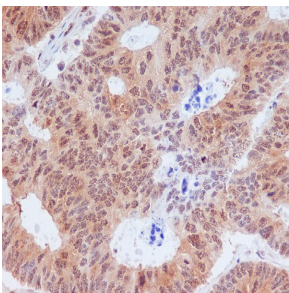
## 抗原信息

|      |   |
|------|---|
| 抗原信息 | Recombinant fusion protein corresponding to Human Phospho-eIF2 alpha (Ser51).   |
| 序列   | MPGLSCRFYQHKFPEVEDVVMVNVRSIAEMGAYVSLLEYNIEGMILLSELSRRRIRSINKLIRIGRNECVVIRVDKEKGYID<br>LSKRRVSPPEAIKCEDKFKTKVYSILRHVAEVLEYTKDEQLES LFQRTAWVFDDKYKRPYGAYDAFKHAVSDPSILDSL<br>DLNEDEREVLINNINRRLTPQAVKIRADIEVACYGYEGIDAVKEALRAGLNCSTENMPIKINLIAPPRYVMTTTLERTEGLSVL<br>SQAMAVIKE |

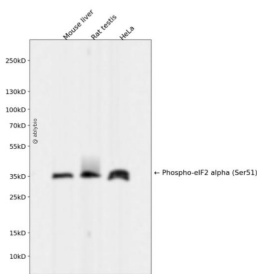
## 靶点信息

|       |  |
|-------|--|
| 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



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



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.

## 实验步骤

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