

# STRAP Rabbit pAb

货号: B23499

产品信息

|       |                                                                                                        |
|-------|--------------------------------------------------------------------------------------------------------|
| 反应    | Human,Mouse                                                                                            |
| 宿主    | Rabbit                                                                                                 |
| 克隆性   | Polyclonal                                                                                             |
| 预测反应  |                                                                                                        |
| 应用    | WB IF/ICC IP                                                                                           |
| 推荐浓度  | <b>WB:</b> 1:500 - 1:2000<br><b>IF/ICC:</b> 1:50 - 1:200<br><b>IP:</b> 1:500 - 1:1000                  |
| 理论分子量 | 38kDa/39kDa                                                                                            |
| 实测分子量 | 38kDa/39kDa                                                                                            |
| 形式    | Liquid                                                                                                 |
| 保存条件  | Store at -20°C. Avoid freeze / thaw cycles.<br>Buffer: PBS with 0.02% sodium azide,50% glycerol,pH7.3. |
| 偶联物   | Unconjugated                                                                                           |
| 阳性对照  |                                                                                                        |
| 细胞定位  | Cytoplasm,Nucleus                                                                                      |
| 纯化    | Affinity purification                                                                                  |

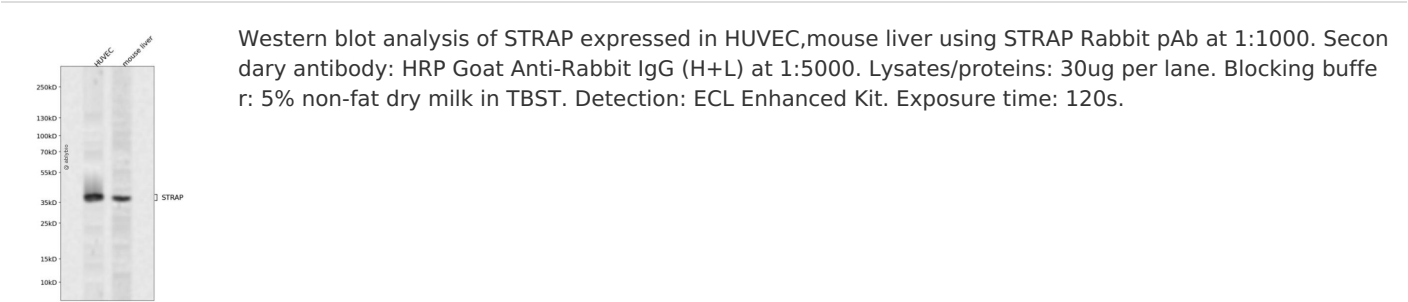
抗原信息

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| 抗原信息 | Recombinant fusion protein containing a sequence corresponding to amino acids 1-350 of human STRAP (NP_009109.3).                                                                                                                                                                                                                                                                        |
| 序列   | MAMRQTPLTCSGHTRPVVDLAFSGITPYGYFLISACKDGKPMRLRQGD TG DWIGTFLGHKGAVWGATLNKDATKAATAAA<br>DFTAKVWD AVSGDELMTLAHKHIVKTVDF TQDSNYLLTG GQDKLLRIYDLNKPEAEPKEISGHTSGIKKALWCSEDKQILS<br>ADDKTVRLWDHATMTEVKSLNFNMSVSSMEYIPEGEILVITYGRSIAFHSAVSLDPIKSFEAPATINSASLHPEKEFLVAGGE<br>DFKLYKYDYN SGEELESYKGHFGPIHCVRFS PDGELYASGSEDGTLRLWQT VVGKTYGLWKCVLPEEDSGELAKPKIGFP<br>ETEEEELEEIASENS DCIFPSAPDVKA |

靶点信息

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| 研究背景  | The SMN complex catalyzes the assembly of small nuclear ribonucleoproteins (snRNPs, the building blocks of the spliceosome, and thereby plays an important role in the splicing of cellular pre-mRNAs. Most spliceosomal snRNPs contain a common set of Sm proteins SNRPB, SNRPD1, SNRPD2, SNRPD3, SNRPE, SNRPF and SNRPG that assemble in a heptameric protein ring on the Sm site of the small nuclear RNA to form the core snRNP (Sm core). In the cytosol, the Sm proteins SNRPD1, SNRPD2, SNRPE, SNRPF and SNRPG are trapped in an inactive 6S pICln-Sm complex by the chaperone CLNS1A that controls the assembly of the core snRNP. To assemble core snRNPs, the SMN complex accepts the trapped 5Sm proteins from CLNS1A forming an intermediate. Binding of snRNA inside 5Sm triggers eviction of the SMN complex, thereby allowing binding of SNRPD3 and SNRPB to complete assembly of the core snRNP. STRAP plays a role in the cellular distribution of the SMN complex. Negatively regulates TGF-beta signaling but positively regulates the PDK1 kinase activity by enhancing its autophosphorylation and by significantly reducing the association of PDK1 with 14-3-3 protein. |
| 基因ID  | 11171                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
| 基因名   | STRAP                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
| Swiss | Q9Y3F4                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
| 别名    | STRAP; MAWD; PT-WD; UNRIP; serine-threonine kinase receptor-associated protein                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |

产品验证



实验步骤

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