

STRAP Rabbit pAb

货号: B21597

产品信息

反应	Human,Mouse,Rat
宿主	Rabbit
克隆性	Polyclonal
预测反应	
应用	WB
推荐浓度	WB: 1:1000 - 1:2000
理论分子量	38kDa/39kDa
实测分子量	39KDa
形式	Liquid
保存条件	Store at -20°C. Avoid freeze / thaw cycles. Buffer: PBS with 0.01% thiomersal,50% glycerol,pH7.3.
偶联物	Unconjugated
阳性对照	293T
细胞定位	Cytoplasm,Nucleus
纯化	Affinity purification

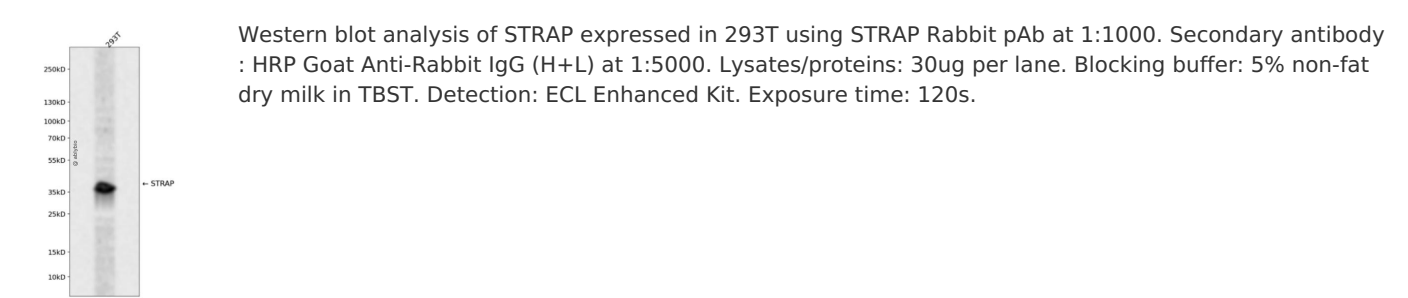
抗原信息

抗原信息	Recombinant fusion protein containing a sequence corresponding to amino acids 1-350 of human STRAP (NP_009109.3).
序列	MAMRQTPLTCSGHTRPVVDLAFSGITPYGYFLISACKDGKPMRLRQDGTGDWIGTFLGHKGAVWGATLNKDATKAATAAA DFTAKVWDAVSGDELMTLAHKHIVKTVDFQTQDSNYLLTGGQDKLLRIYDLNKPEAEPKEISGHTSGIKKALWCSEDKQILS ADDKTVRLWDHATMTEVKSLNFNMSVSSMEYIPEGEILVITYGRSIAFHSAVSLDPIKSFEAPATINSASLHPEKEFLVAGGE DFKLYKYDYNSGEELESYKGHF GPIHCVRFS PDGELYASGSEDGTLRLWQT VVGKTYGLWKCVLPEEDSGELAKPKIGFP ETEEEEEEIASENS DCIFPSAPDVKA

靶点信息

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

产品验证



实验步骤

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