

PPP4C (YD11677) Rabbit mAb

货号: **AYD13809**

产品信息

反应	Human,Mouse,Rat
宿主	Rabbit
克隆性	Monoclonal
预测反应	
应用	WB IHC-P FC
推荐浓度	
理论分子量	35kDa
实测分子量	
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	293T,NIH/3T3,MCF-7,HO-8910PM,Mouse testis,Mouse spleen
细胞定位	Cytoplasm, Nucleus, cytoskeleton, microtubule organizing center, centrosome
纯化	

抗原信息

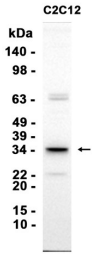
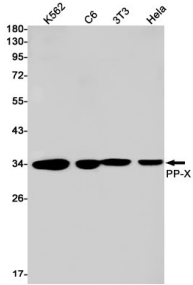
抗原信息	
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靶点信息

研究背景	Protein phosphatase that is involved in many processes such as microtubule organization at centrosomes , maturation of spliceosomal snRNPs, apoptosis, DNA repair, tumor necrosis factor (TNF-alpha signaling, a ctivation of c-Jun N-terminal kinase MAPK8, regulation of histone acetylation, DNA damage checkpoint signaling, NF-kappa-B activation and cell migration. The PPP4C-PPP4R1 PP4 complex may play a role in dephosphorylation and regulation of HDAC3. The PPP4C-PPP4R2-PPP4R3A PP4 complex specifically dephosphorylates H2AX phosphorylated on Ser-140 (gamma-H2AX generated during DNA replication and required for DNA double strand break repair. Dephosphorylates NDEL1 at CDK1 phosphorylation sites and negatively regulates CDK1 activity in interphase (By similarity. In response to DNA damage, catalyzes RPA2 dephosphorylation, an essential step for DNA repair since it allows the efficient RPA2-mediated recruitment of RAD51 to chromatin.
基因ID	5531

基因名	PPP4C
Swiss	P60510
别名	PPP4C (YD11677)

产品验证



实验步骤

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