

产品名称: PP4R2 Rabbit Polyclonal Antibody
产品货号: AP Rab16404



产品概述 (Summary)

产品名称 (Production Name)	PP4R2 Rabbit Polyclonal Antibody
描述 (Description)	Rabbit polyclonal Antibody
宿主 (Host)	Rabbit
应用 (Application)	WB,IHC,ICC/IF,ELISA
种属反应性 (Reactivity)	Human,Monkey

产品性能 (Performance)

偶联物 (Conjugation)	Unconjugated
修饰 (Modification)	Unmodified
同种型 (Isotype)	IgG
克隆 (Clonality)	Polyclonal
形式 (Form)	Liquid
存放说明 (Storage)	Store at 4°C short term. Aliquot and store at -20°C long term. Avoid freeze/thaw cycles.
储存溶液 (Buffer)	Liquid in PBS containing 50% glycerol, 0.5% protective protein and 0.02% New type preservative N.
纯化方式 (Purification)	Affinity purification

免疫原信息 (Immunogen)

基因名 (Gene Name)	PPP4R2
别名 (Alternative Names)	PPP4R2; SBB157; Serine/threonine-protein phosphatase 4 regulatory subunit 2
基因 ID (Gene ID)	151987.0
蛋白 ID (SwissProt ID)	Q9NY27.The antiserum was produced against synthesized peptide derived from human PPP4R2. AA range:171-220

产品应用 (Application)

稀释比 (Dilution Ratio)	WB 1:500-1:2000,IHC 1:100-1:300,ICC/IF 1:50-1:200,ELISA 1:5000-1:10000
蛋白分子量 (Molecular Weight)	50kDa

研究背景 (Background)

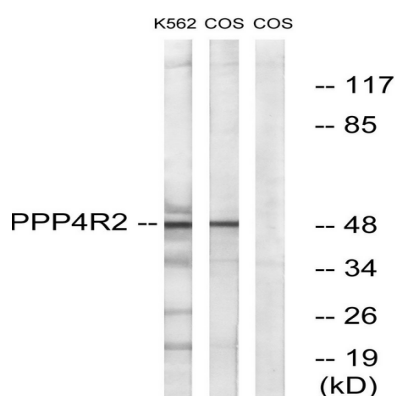
产品名称: PP4R2 Rabbit Polyclonal Antibody
产品货号: AP Rab16404



The protein encoded by this gene is a regulatory subunit of the serine/threonine-protein phosphatase 4 complex. In addition to being required for efficient DNA double strand break repair, this complex plays a role in organization of microtubules at centrosomes and processing of spliceosomal snRNPs. Several transcript variants encoding different isoforms have been found for this gene. [provided by RefSeq, Dec 2015],function:Regulatory subunit of serine/threonine-protein phosphatase 4 (PP4). May regulate the activity of PPP4C at centrosomal microtubule organizing centers. Its interaction with the SMN complex leads to enhance the temporal localization of snRNPs, suggesting a role of PPP4C in maturation of spliceosomal snRNPs. The PPP4C-PPP4R2-PPP4R3A PP4 complex specifically dephosphorylates H2AFX phosphorylated on 'Ser-140' (gamma-H2AFX) generated during DNA replication and required for DNA DSB repair.,sequence caution:Contaminating sequence. Potential poly-A sequence.,similarity:Belongs to the PPP4R2 family.,subunit:Serine/threonine-protein phosphatase 4 (PP4) occurs in different assemblies of the catalytic and one or more regulatory subunits. Component of the PP4 complexes PPP4C-PPP4R2, PPP4C-PPP4R2-PPP4R3A and PPP4C-PPP4R2-PPP4R3B. The PPP4C-PPP4R2 complex appears to be a tetramer composed of 2 molecules of PPP4C and 2 molecules of PPP4R2. Interacts with DDX20/GEMIN3 and GEMIN4.,tissue specificity:Widely expressed.,

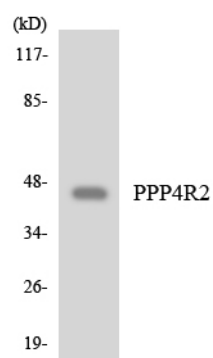
研究领域 (Research Area)

图片 (Image Data)

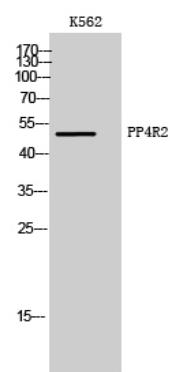


Western blot analysis of lysates from K562 and COS7 cells, using PPP4R2 Antibody. The lane on the right is blocked with the synthesized peptide.

产品名称: PP4R2 Rabbit Polyclonal Antibody
产品货号: APRab16404



Western blot analysis of the lysates from COLO205 cells using PPP4R2 antibody.



Western Blot analysis of K562 cells using PP4R2 Polyclonal Antibody

注意事项 (Note)

For research use only .