

## 小鼠抗 PPP4C 单克隆抗体

中文名称: 小鼠抗 PPP4C 单克隆抗体

英文名称: Anti-PPP4C mouse monoclonal antibody

别 名: protein phosphatase 4 catalytic subunit; PP4; PPX; PP-X; PP4C; PPH3; PPP4

相关类别: 一抗

储 存: 冷冻(-20℃)

宿 主: Mouse

抗 原: PPP4C

反应种属: Human

标 记 物: Unconjugate

克隆类型: Mouse Monoclonal

## 技术规格

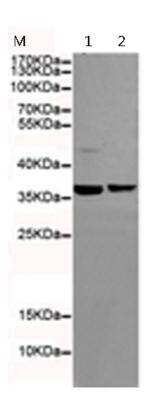
**Background:** 

Protein phosphatase that is involved in many processes such as microtubule organization at centrosomes, maturation of spl iceosomal snRNPs, apoptosis, DNA repair, tumor necrosis fact or (TNF)-alpha signaling, activation of c-Jun N-terminal kinase MAPK8, regulation of histone acetylation, DNA damage check point 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 P P4 complex specifically dephosphorylates H2AFX phosphorylated on Ser-140 (gamma-H2AFX) 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 respo



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	nse to DNA damage, catalyzes RPA2 dephosphorylation, an es sential step for DNA repair since it allows the efficient RPA2- mediated recruitment of RAD51 to chromatin.
Applications:	WB, IHC, IF
Name of antibody:	PPP4C
Immunogen:	Fusion protein of human PPP4C
Full name:	protein phosphatase 4 catalytic subunit
Synonyms:	PP4; PPX; PP-X; PP4C; PPH3; PPP4
SwissProt:	P60510
IHC positive control:	Human breast cancer
IHC Recommend dilution:	500-1000
WB Predicted band size:	35 kDa
WB Positive control:	Jurkat and Hela cell lysates
WB Recommended dilutio n:	200-1000
IF positive control:	Hela cells
IF Recommend dilution:	100-200





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