

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 spliceosomal snRNPs, apoptosis, DNA repair, tumor necrosis factor (TNF)-alpha signaling, activation 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 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

	nse to DNA damage, catalyzes RPA2 dephosphorylation, an essential 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 dilution:	200-1000
IF positive control:	HeLa cells
IF Recommend dilution:	100-200



