

## 兔抗 PPM1D 多克隆抗体

中文名称：兔抗 PPM1D 多克隆抗体

英文名称：Anti-PPM1D rabbit polyclonal antibody

别名：protein phosphatase, Mg<sup>2+</sup>/Mn<sup>2+</sup> dependent 1D WIP1; PP2C-DELTA

抗原：PPM1D

储存：冷冻（-20℃）

宿主：Rabbit

相关类别：一抗

反应种属：Human, Mouse

标记物：Unconjugate

克隆类型：rabbit polyclonal

### 技术规格

#### Background:

The protein encoded by this gene is a member of the P2C family of Ser/Thr protein phosphatases. PP2C family members are known to be negative regulators of cell stress response pathways. The expression of this gene is induced in a p53-dependent manner in response to various environmental stresses. While being induced by tumor suppressor protein TP53/p53, this phosphatase negatively regulates the activity of p38 MAP kinase, MAPK/p38, through which it reduces the phosphorylation of p53, and in turn suppresses p53-mediated transcription and apoptosis. This phosphatase thus mediates a feedback regulation of p38-p53 signaling that contributes to growth inhibition and the suppression of stress induced apoptosis. This

	gene is located in a chromosomal region known to be a amplified in breast cancer. The amplification of this gene has been detected in both breast cancer cell line and primary breast tumors, which suggests a role of this gene in cancer development.
<b>Applications:</b>	ELISA, WB, IHC
<b>Name of antibody:</b>	PPM1D
<b>Immunogen:</b>	Fusion protein of human PPM1D
<b>Full name:</b>	protein phosphatase, Mg <sup>2+</sup> /Mn <sup>2+</sup> dependent 1D
<b>Synonyms:</b>	WIP1; PP2C-DELTA
<b>SwissProt:</b>	O15297
<b>ELISA Recommended dilution:</b>	2000-5000
<b>IHC positive control:</b>	Human liver cancer and Human esophagus cancer
<b>IHC Recommend dilution:</b>	40-200
<b>WB Predicted band size:</b>	67 kDa
<b>WB Positive control:</b>	Human placenta tissue lysate
<b>WB Recommended dilution:</b>	200-1000



