

## 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 P 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 inhibit

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|                                    | ion and the suppression of stress induced apoptosis. This gene is located in a chromosomal region known to be 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  |



