

## 小鼠抗 CDKN1A 单克隆抗体

- 中文名称： 小鼠抗 CDKN1A 单克隆抗体
- 英文名称： Anti-CDKN1A mouse monoclonal antibody
- 别名： CAP20; CDKN1; CIP1; MDA-6; P21; p21CIP1; SDI1; WAF1
- 相关类别： 一抗
- 储存： 冷冻（-20℃） 避光
- 宿主： Mouse
- 抗原： CDKN1A
- 反应种属： Human
- 标记物： Unconjugate
- 克隆类型： mouse monoclonal

### 技术规格

**Background:**

This gene encodes a potent cyclin-dependent kinase inhibitor. The encoded protein binds to and inhibits the activity of cyclin-CDK2 or -CDK4 complexes, and thus functions as a regulator of cell cycle progression at G1. The expression of this gene is tightly controlled by the tumor suppressor protein p53, through which this protein mediates the p53-dependent cell cycle G1 phase arrest in response to a variety of stress stimuli. This protein can interact with proliferating cell nuclear antigen (PCNA), a DNA polymerase accessory factor, and plays a regulatory role in S phase DNA replication and DNA damage repair. This protein was reported to be specifically cleaved by CASP3-like caspases, which thus leads to a dramatic activation of CDK2, and may be instrumental in the execution of apoptosis following caspase activation.

	Multiple alternatively spliced variants have been found for this gene. [provided by RefSeq, Nov 2010].
<b>Applications:</b>	WB, IHC
<b>Name of antibody:</b>	CDKN1A
<b>Immunogen:</b>	Fusion protein of human CDKN1A
<b>Full name:</b>	cyclin-dependent kinase inhibitor 1A (p21, Cip1) (CDKN1A), transcript variant 2
<b>Synonyms:</b>	CAP20; CDKN1; CIP1; MDA-6; P21; p21CIP1; SDI1; WAF1
<b>SwissProt:</b>	P38936
<b>IHC positive control:</b>	carcinoma of human thyroid tissue
<b>IHC Recommend dilution:</b>	30-150
<b>WB Predicted band size:</b>	18 kDa
<b>WB Positive control:</b>	HepG2 and MDCK cell lysates
<b>WB Recommended dilution:</b>	200-1000