

## 兔抗 CHEK2 多克隆抗体

中文名称：兔抗 CHEK2 多克隆抗体

英文名称： Anti-CHEK2 rabbit polyclonal antibody

别名： CDS1, CHK2, LFS2, RAD53, hCds1, HuCds1, PP1425

相关类别： 一抗

抗原： CHEK2

储存： 冷冻（-20℃）

宿主： Rabbit

反应种属： Human

标记物： Unconjugate

克隆类型： rabbit polyclonal

### 技术规格

**Background:**

In response to DNA damage and replication blocks, cell cycle progression is halted through the control of critical cell cycle regulators. The protein encoded by this gene is a cell cycle checkpoint regulator and putative tumor suppressor. It contains a forkhead-associated protein interaction domain essential for activation in response to DNA damage and is rapidly phosphorylated in response to replication blocks and DNA damage. When activated, the encoded protein is known to inhibit CDC25C phosphatase, preventing entry into mitosis, and has been shown to stabilize the tumor suppressor protein p53, leading to cell cycle arrest in G1. In addition, this protein interacts with and phosphorylates BRCA1, allowing BRCA1 to restore survival after DNA

	<p>damage. Mutations in this gene have been linked with Li-Fraumeni syndrome, a highly penetrant familial cancer phenotype usually associated with inherited mutations in TP53. Also, mutations in this gene are thought to confer a predisposition to sarcomas, breast cancer, and brain tumors. This nuclear protein is a member of the CDS1 subfamily of serine/threonine protein kinases. Several transcript variants encoding different isoforms have been found for this gene.</p>
<b>Applications:</b>	ELISA, WB
<b>Name of antibody:</b>	CHEK2
<b>Immunogen:</b>	Synthetic peptide of human CHEK2
<b>Full name:</b>	checkpoint kinase 2
<b>Synonyms:</b>	CDS1; CHK2; LFS2; RAD53; hCds1; HuCds1; PP1425
<b>SwissProt:</b>	O96017
<b>ELISA Recommended dilution:</b>	5000-10000
<b>WB Predicted band size:</b>	61 kDa
<b>WB Positive control:</b>	231, 293T, LOVO, Hela and Jurkat cell lysates
<b>WB Recommended dilution:</b>	500-2000

