

## 细胞周期相关激酶抗体

产品货号： mlR1780

英文名称： CCRK

中文名称： 细胞周期相关激酶抗体

别名： CDK20; Cell cycle related kinase; p42; CAK kinase p42; CDCH; CDK activating kinase p42; Cell cycle related kinase; Cyclin dependent protein kinase H; Cyclin kinase activating kinase p42. CAK-kinase p42; Cyclin-dependent kinase 20; Cell cycle-related kinase; Cell division protein kinase 20.

研究领域： 细胞膜受体

抗体来源： Rabbit

克隆类型： Polyclonal

交叉反应： Human, Mouse, Rat, Dog, Pig, Cow, Horse, Rabbit,

产品应用： ELISA=1:500-1000 IHC-P=1:400-800 IHC-F=1:400-800 IF=1:100-500 （石蜡切片需做抗原修复）  
not yet tested in other applications.  
optimal dilutions/concentrations should be determined by the end user.

分子量： 38kDa

细胞定位： 细胞核 细胞浆

性状： Lyophilized or Liquid

浓度： 1mg/ml

免疫原： KLH conjugated synthetic peptide derived from human CCRK:21-120/346

亚型： IgG

**纯化方法：** affinity purified by Protein A

**储 存 液：** 0.01M TBS(pH7.4) with 1% BSA, 0.03% Proclin300 and 50% Glycerol.

**保存条件：** Store at -20 ° C for one year. Avoid repeated freeze/thaw cycles. The lyophilized antibody is stable at room temperature for at least one month and for greater than a year when kept at -20° C. When reconstituted in sterile pH 7.4 0.01M PBS or diluent of antibody the antibody is stable for at least two weeks at 2-4 ° C.

**PubMed：** PubMed

**产品介绍：** The protein encoded by this gene contains a kinase domain most closely related to the cyclin-dependent protein kinases. The encoded kinase may activate cyclin-dependent kinase 2 and is involved in cell growth. Alternatively spliced transcript variants encoding distinct isoforms have been reported. [provided by RefSeq, Dec 2009]

**Function:**

Required for high-level Shh responses in the developing neural tube. Together with BROMI, controls the structure of the primary cilium by coordinating assembly of the ciliary membrane and axoneme, allowing GLI2 to be properly activated in response to SHH signaling (By similarity). Involved in cell growth. Activates CDK2, a kinase involved in the control of the cell cycle, by phosphorylating residue 'Thr-160'.

**Subunit:**

Monomer. Interacts with BROMI.

**Subcellular Location:**

Nucleus. Cytoplasm. Cell projection, cilium.

**Similarity:**

Belongs to the protein kinase superfamily. CMGC Ser/Thr protein kinase family. CDC2/CDKX subfamily.



Contains 1 protein kinase domain.

**SWISS:**

Q8IZL9

**Gene ID:**

23552

**Important Note:**

This product as supplied is intended for research use only, not for use in human, therapeutic or diagnostic applications.