

产品名称: KKIALRE Rabbit Polyclonal Antibody  
产品货号: APRab13043



## 产品概述 (Summary)

|                        |                                    |
|------------------------|------------------------------------|
| 产品名称 (Production Name) | KKIALRE Rabbit Polyclonal Antibody |
| 描述 (Description)       | Rabbit polyclonal Antibody         |
| 宿主 (Host)              | Rabbit                             |
| 应用 (Application)       | WB,IHC,ICC/IF,ELISA                |
| 种属反应性 (Reactivity)     | Human,Rat                          |

## 产品性能 (Performance)

|                     |                                                                                                   |
|---------------------|---------------------------------------------------------------------------------------------------|
| 偶联物 (Conjugation)   | Unconjugated                                                                                      |
| 修饰 (Modification)   | Unmodified                                                                                        |
| 同种型 (Isotype)       | IgG                                                                                               |
| 克隆 (Clonality)      | Polyclonal                                                                                        |
| 形式 (Form)           | Liquid                                                                                            |
| 存放说明 (Storage)      | Store at 4°C short term. Aliquot and store at -20°C long term. Avoid freeze/thaw cycles.          |
| 储存溶液 (Buffer)       | Liquid in PBS containing 50% glycerol, 0.5% protective protein and 0.02% New type preservative N. |
| 纯化方式 (Purification) | Affinity purification                                                                             |

## 免疫原信息 (Immunogen)

|                        |                                                                                                            |
|------------------------|------------------------------------------------------------------------------------------------------------|
| 基因名 (Gene Name)        | CDKL1                                                                                                      |
| 别名 (Alternative Names) | CDKL1; Cyclin-dependent kinase-like 1; Protein kinase p42 KKIALRE; Serine/threonine-protein kinase KKIALRE |
| 基因 ID (Gene ID)        | 8814.0                                                                                                     |
| 蛋白 ID (SwissProt ID)   | Q00532.The antiserum was produced against synthesized peptide derived from human CDKL1. AA range:281-330   |

## 产品应用 (Application)

|                          |                                                                        |
|--------------------------|------------------------------------------------------------------------|
| 稀释比 (Dilution Ratio)     | WB 1:500-1:2000,IHC 1:100-1:300,ICC/IF 1:50-1:200,ELISA 1:5000-1:20000 |
| 蛋白分子量 (Molecular Weight) | 42kDa                                                                  |

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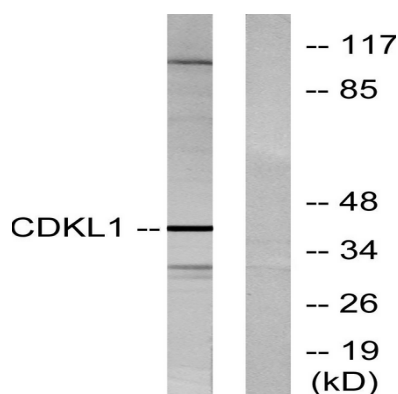


## 研究背景 (Background)

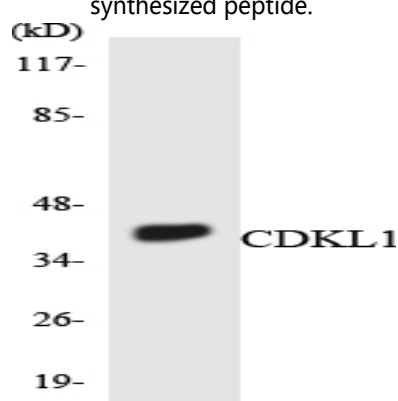
This gene product is a member of a large family of CDC2-related serine/threonine protein kinases. It accumulates primarily in the nucleus. Two transcript variants encoding different isoforms have been found for this gene. [provided by RefSeq, Aug 2013], catalytic activity: ATP + a protein = ADP + a phosphoprotein., domain: The [NKR]KIAxRE motif seems to be a cyclin-binding region., similarity: Belongs to the protein kinase superfamily., similarity: Belongs to the protein kinase superfamily. CMGC Ser/Thr protein kinase family. CDC2/CDKX subfamily., similarity: Contains 1 protein kinase domain., tissue specificity: Highly expressed in kidney, and to a lower extent in ovary.,

## 研究领域 (Research Area)

## 图片 (Image Data)

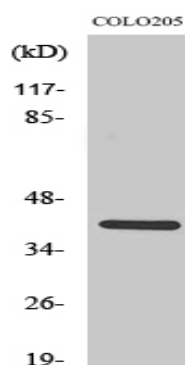


Western blot analysis of lysates from COLO205 cells, using CDKL1 Antibody. The lane on the right is blocked with the synthesized peptide.

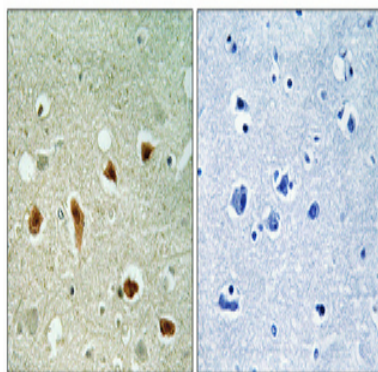


Western blot analysis of the lysates from COLO205 cells using CDKL1 antibody.

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Western Blot analysis of various cells using KKIALRE Polyclonal Antibody diluted at 1 : 500



Immunohistochemical analysis of paraffin-embedded Human brain. Antibody was diluted at 1:100 (4°, overnight) . High-pressure and temperature Tris-EDTA, pH 8.0 was used for antigen retrieval. Negative control (right) obtained from antibody was pre-absorbed by immunogen peptide.

### 注意事项 (Note)

For research use only .