

**产品名称: AKAP 14 Rabbit Polyclonal Antibody**  
**产品货号: APRab06720**



## 产品概述 (Summary)

|                        |                                    |
|------------------------|------------------------------------|
| 产品名称 (Production Name) | AKAP 14 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,Mouse                    |

## 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)        | AKAP14                                                                                                                                      |
| 别名 (Alternative Names) | AKAP14; AKAP28; A-kinase anchor protein 14; AKAP-14; A-kinase anchor protein 28 kDa; AKAP 28; Protein kinase A-anchoring protein 14; PRKA14 |
| 基因 ID (Gene ID)        | 158798.0                                                                                                                                    |
| 蛋白 ID (SwissProt ID)   | Q86UN6.The antiserum was produced against synthesized peptide derived from human AKAP14. AA range:1-50                                      |

## 产品应用 (Application)

|                          |                                                                          |
|--------------------------|--------------------------------------------------------------------------|
| 稀释比 (Dilution Ratio)     | WB 1:500-1:2000,IHC 1:100-1:300,ICC/IF 1:200-1:1000,ELISA 1:5000-1:10000 |
| 蛋白分子量 (Molecular Weight) | 23kDa                                                                    |

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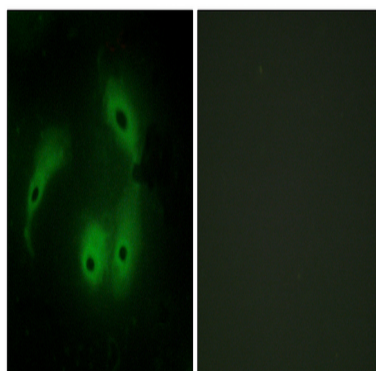


## 研究背景 (Background)

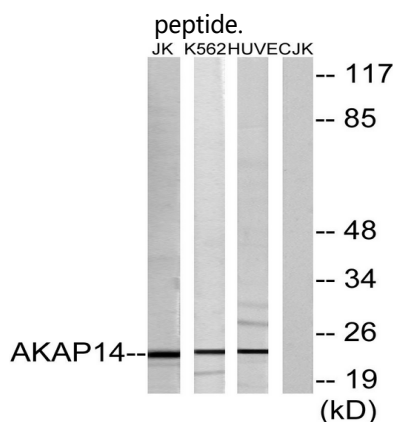
The A-kinase anchor proteins (AKAPs) are a group of structurally diverse proteins, which have the common function of binding to the regulatory subunit of protein kinase A (PKA) and confining the holoenzyme to discrete locations within the cell. This gene encodes a member of the AKAP family. The protein anchors PKA in ciliary axonemes and, in this way, may play a role in regulating ciliary beat frequency. Alternate transcriptional splice variants, encoding different isoforms, have been characterized. [provided by RefSeq, Jul 2008],caution:The sequence shown here is derived from an Ensembl automatic analysis pipeline and should be considered as preliminary data.,function: Binds to type II regulatory subunits of protein kinase A and anchors/targets them.,subunit: Binds to type II regulatory subunits (RII),tissue specificity: Present in cilia (at protein level). Expressed in tissues containing axoneme-based organelles (cilia and/or flagella): trachea and testis. Highly expressed in airway cilia.,

## 研究领域 (Research Area)

## 图片 (Image Data)

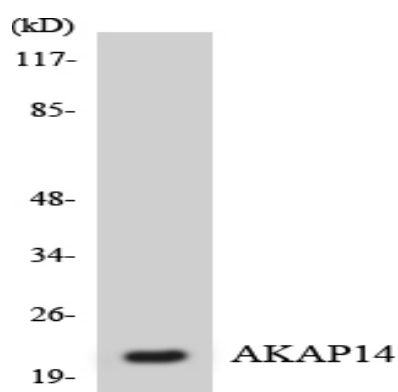


Immunofluorescence analysis of HeLa cells, using AKAP14 Antibody. The picture on the right is blocked with the synthesized

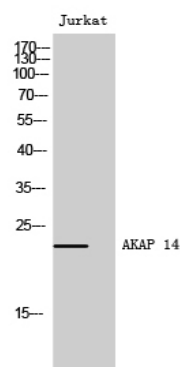


Western blot analysis of lysates from Jurkat, K562, and HUVEC cells, using AKAP14 Antibody. The lane on the right is blocked with the synthesized peptide.

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Western blot analysis of the lysates from RAW264.7 cells using AKAP14 antibody.



Western Blot analysis of Jurkat cells using AKAP 14 Polyclonal Antibody

### 注意事项 (Note)

For research use only .