

产品名称: PKR Rabbit Monoclonal Antibody  
产品货号: AMRe85152



## 产品概述 (Summary)

|                        |                                        |
|------------------------|----------------------------------------|
| 产品名称 (Production Name) | PKR Rabbit Monoclonal Antibody         |
| 描述 (Description)       | Recombinant rabbit monoclonal antibody |
| 宿主 (Host)              | Rabbit                                 |
| 应用 (Application)       | WB,IHC,ICC,IP                          |
| 种属反应性 (Reactivity)     | Human                                  |

## 产品性能 (Performance)

|                     |                                                                                              |
|---------------------|----------------------------------------------------------------------------------------------|
| 偶联物 (Conjugation)   | Unconjugated                                                                                 |
| 修饰 (Modification)   | Unmodified                                                                                   |
| 同种型 (Isotype)       | IgG                                                                                          |
| 克隆 (Clonality)      | Monoclonal                                                                                   |
| 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)       | Purified antibody in TBS with 0.05% sodium azide, 0.05% protective protein and 50% glycerol. |
| 纯化方式 (Purification) | Affinity Purification                                                                        |

## 免疫原信息 (Immunogen)

|                        |                                                                                                                                                                                                                                                         |
|------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 基因名 (Gene Name)        | PKR<br>EIF2AK2; PKR; PRKR; Interferon-induced; double-stranded RNA-activated protein kinase; Eukaryotic translation initiation factor 2-alpha kinase 2; eIF-2A protein kinase 2; Interferon-inducible RNA-dependent protein kinase; P1/eIF-2A protein k |
| 别名 (Alternative Names) |                                                                                                                                                                                                                                                         |
| 基因 ID (Gene ID)        | 5610.0                                                                                                                                                                                                                                                  |
| 蛋白 ID (SwissProt ID)   | P19525.A synthetic peptide of human PKR                                                                                                                                                                                                                 |

## 产品应用 (Application)

|                          |                                                               |
|--------------------------|---------------------------------------------------------------|
| 稀释比 (Dilution Ratio)     | WB 1:500-1:1000, IHC 1:50-1:100, ICC 1:50-1:200, IP 1:10-1:20 |
| 蛋白分子量 (Molecular Weight) | Calculated MW: 62 kDa; Observed MW: 74 kDa                    |

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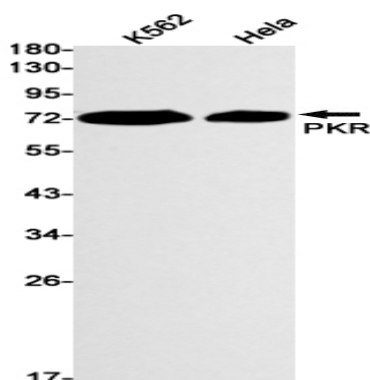


## 研究背景 (Background)

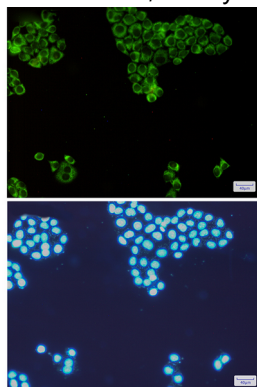
PKR a protein kinase of the PEK family. Upon binding double-stranded RNA, it becomes autophosphorylated and activated. Phosphorylates and inhibits the alpha subunit of eIF2 alpha, which leads to an inhibition of the initiation of protein synthesis.

## 研究领域 (Research Area)

## 图片 (Image Data)

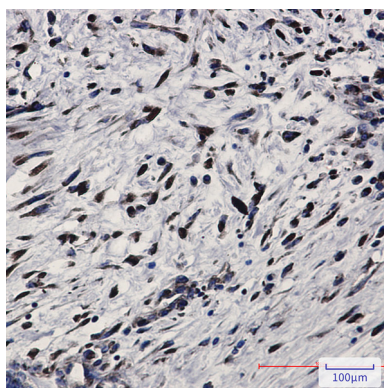


Western blot analysis of PKR in K562, HeLa lysates using PKR antibody.



Immunocytochemistry analysis of PKR(green) in HeLa using PKR antibody, and DAPI(blue)

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Immunohistochemistry analysis of paraffin-embedded Human Cholangiocarcinoma using PKR antibody. High-pressure and temperature Sodium Citrate pH 6.0 was used for antigen retrieval.

#### **注意事项 (Note)**

For research use only .