

— ABLYBIO, Help Your Research



# CDK12 Rabbit pAb

货号: **AYP18737**

## 产品信息

反应	Human,Mouse,Rat
宿主	Rabbit
克隆性	Polyclonal
预测反应	
应用	WB IHC
推荐浓度	<b>WB:</b> 1:500 - 1:1000 <b>IHC:</b> 1:100 - 1:500
理论分子量	141kDa/163kDa/164kDa
实测分子量	205KDa
形式	Liquid
保存条件	Store at -20°C. Avoid freeze / thaw cycles. Buffer: PBS with 0.05% proclin300,50% glycerol,pH7.3.
偶联物	Unconjugated
阳性对照	LNCaP,Mouse brain
细胞定位	Nucleus,Nucleus speckle
纯化	Affinity purification

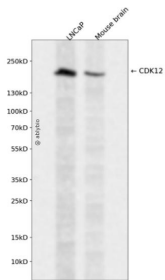
## 抗原信息

抗原信息	Recombinant fusion protein containing a sequence corresponding to amino acids 1-300 of human CDK12 (NP_057591.2).
------	---

## 靶点信息

研究背景	Cyclin-dependent kinase that phosphorylates the C-terminal domain (CTD of the large subunit of RNA polymerase II (POLR2A, thereby acting as a key regulator of transcription elongation. Regulates the expression of genes involved in DNA repair and is required for the maintenance of genomic stability. Preferentially phosphorylates 'Ser-5' in CTD repeats that are already phosphorylated at 'Ser-7', but can also phosphorylate 'Ser-2'. Required for RNA splicing, possibly by phosphorylating SRSF1/SF2. Involved in regulation of MAP kinase activity, possibly leading to affect the response to estrogen inhibitors.
基因ID	51755
基因名	CDK12
Swiss	Q9NYV4 ( <a href="https://www.uniprot.org/uniprotkb/Q9NYV4/entry">https://www.uniprot.org/uniprotkb/Q9NYV4/entry</a> )
别名	CDK12,CRK7,CRKR,CRKRS,CDK12 Rabbit pAb,Cdc2-related kinase,arginine/serine-rich,Cell division cycle 2-related protein kinase 7,Cell division protein kinase 12,KIAA0904

## 产品验证



Western blot analysis of CDK12 expressed in LNCaP, Mouse brain using CDK12 Rabbit pAb at 1:1000. Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) at 1:5000. Lysates/proteins: 30ug per lane. Blocking buffer: 5% non-fat dry milk in TBST. Detection: ECL Enhanced Kit. Exposure time: 120s.

## 实验步骤

访问官网浏览详情: [www.ablybio.cn](http://www.ablybio.cn) (<https://www.ablybio.cn/>[www.ablybio.cn](http://www.ablybio.cn))