

**产品名称: GADD34 Rabbit Polyclonal Antibody**  
**产品货号: APRab11251**



## 产品概述 (Summary)

|                        |                                   |
|------------------------|-----------------------------------|
| 产品名称 (Production Name) | GADD34 Rabbit Polyclonal Antibody |
| 描述 (Description)       | Rabbit polyclonal Antibody        |
| 宿主 (Host)              | Rabbit                            |
| 应用 (Application)       | WB,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)        | PPP1R15A GADD34<br>Protein phosphatase 1 regulatory subunit 15A (Growth arrest and DNA damage-inducible protein GADD34) (Myeloid differentiation primary response protein MyD116 homolog) |
| 别名 (Alternative Names) |                                                                                                                                                                                           |
| 基因 ID (Gene ID)        | 23645.0                                                                                                                                                                                   |
| 蛋白 ID (SwissProt ID)   | O75807.Synthetic peptide from human protein at AA range: 430-490                                                                                                                          |

## 产品应用 (Application)

|                          |                                       |
|--------------------------|---------------------------------------|
| 稀释比 (Dilution Ratio)     | WB 1:500-1:2000,ELISA 1:10000-1:20000 |
| 蛋白分子量 (Molecular Weight) | 73kDa                                 |

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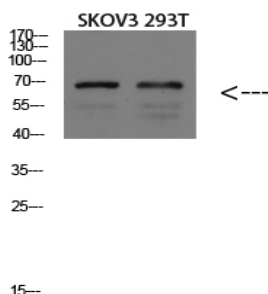


## 研究背景 (Background)

This gene is a member of a group of genes whose transcript levels are increased following stressful growth arrest conditions and treatment with DNA-damaging agents. The induction of this gene by ionizing radiation occurs in certain cell lines regardless of p53 status, and its protein response is correlated with apoptosis following ionizing radiation. [provided by RefSeq, Jul 2008],function:Recruits the serine/threonine-protein phosphatase PP1 to dephosphorylate the translation initiation factor eIF-2A/EIF2S1, thereby reversing the shut-off of protein synthesis initiated by stress-inducible kinases and facilitating recovery of cells from stress. Down-regulates the TGF-beta signaling pathway by promoting dephosphorylation of TGFB1 by PP1. May promote apoptosis by inducing TP53 phosphorylation on 'Ser-15',induction:By methyl methanesulfonate and ionizing irradiation. By IL24 in melanoma cells; which induces apoptosis,miscellaneous:The phosphatase activity of the PPP1R15A-PP1 complex toward EIF2S1 is specifically inhibited by Salubrinal, a drug that protects cells from endoplasmic reticulum stress.,PTM:Phosphorylated on tyrosine by LYN; which impairs its antiproliferative activity.,similarity:Belongs to the PPP1R15 family.,subunit:Interacts with PCNA (By similarity). Interacts with LYN and MLL. Interacts with PP1, PPP1R1A and SMARCB1. Interacts with SMAD7. Interacts with BAG1.,

## 研究领域 (Research Area)

## 图片 (Image Data)



Western blot analysis of MOUSE-BRAIN lysate, antibody was diluted at 1000. Secondary antibody was diluted at 1:20000

## 注意事项 (Note)

For research use only .