

产品名称: GDF-15 Rabbit Polyclonal Antibody  
产品货号: AP Rab11382



## 产品概述 (Summary)

|                        |                                   |
|------------------------|-----------------------------------|
| 产品名称 (Production Name) | GDF-15 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)        | GDF15<br>GDF15; MIC1; PDF; PLAB; PTGFB; Growth/differentiation factor 15; GDF-15;                                                                                       |
| 别名 (Alternative Names) | Macrophage inhibitory cytokine 1; MIC-1; NSAID-activated gene 1 protein; NAG-1; NSAID-regulated gene 1 protein; NRG-1; Placental TGF-beta; Placental bone morphogenetic |
| 基因 ID (Gene ID)        | 9518.0                                                                                                                                                                  |
| 蛋白 ID (SwissProt ID)   | Q99988.The antiserum was produced against synthesized peptide derived from human GDF15. AA range:31-80                                                                  |

## 产品应用 (Application)

|                      |                                       |
|----------------------|---------------------------------------|
| 稀释比 (Dilution Ratio) | WB 1:500-1:2000,ELISA 1:20000-1:40000 |
|----------------------|---------------------------------------|

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蛋白分子量 (Molecular Weight) 37kDa

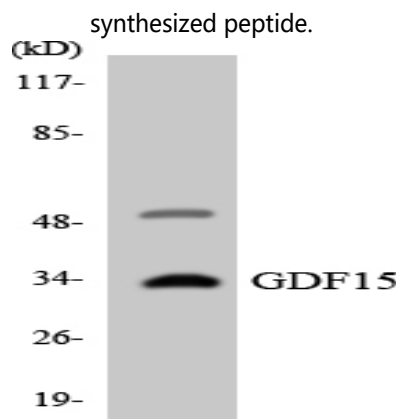
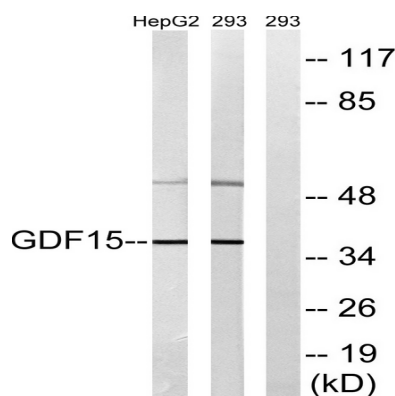
## 研究背景 (Background)

growth differentiation factor 15(GDF15) Homo sapiens This gene encodes a secreted ligand of the TGF-beta (transforming growth factor-beta) superfamily of proteins. Ligands of this family bind various TGF-beta receptors leading to recruitment and activation of SMAD family transcription factors that regulate gene expression. The encoded preproprotein is proteolytically processed to generate each subunit of the disulfide-linked homodimer. The protein is expressed in a broad range of cell types, acts as a pleiotropic cytokine and is involved in the stress response program of cells after cellular injury. Increased protein levels are associated with disease states such as tissue hypoxia, inflammation, acute injury and oxidative stress. [provided by RefSeq, Aug 2016],similarity:Belongs to the TGF-beta family.,subunit:Homodimer; disulfide-linked.,tissue specificity:Highly expressed in placenta, with lower levels in prostate and colon and some expression in kidney.,

## 研究领域 (Research Area)

Cell Biology

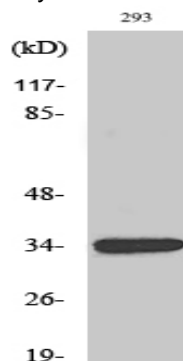
## 图片 (Image Data)



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Western blot analysis of the lysates from HT-29 cells using GDF15 antibody.



Western Blot analysis of various cells using GDF-15 Polyclonal Antibody diluted at 1: 1000

#### 注意事项 (Note)

For research use only .