

**产品名称: Choriogonadotropin  $\beta$  Rabbit Polyclonal Antibody**  
**产品货号: APRab08777**



## 产品概述 (Summary)

|                        |                                                       |
|------------------------|-------------------------------------------------------|
| 产品名称 (Production Name) | Choriogonadotropin $\beta$ 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)        | CGB                                                                                                         |
| 别名 (Alternative Names) | CGB; CGB3; CGB5; CGB7; CGB8; Choriogonadotropin subunit beta; CG-beta; Chorionic gonadotrophin chain beta   |
| 基因 ID (Gene ID)        | 1082/93659/94027/94115                                                                                      |
| 蛋白 ID (SwissProt ID)   | P01233.The antiserum was produced against synthesized peptide derived from human hCG beta. AA range:101-150 |

## 产品应用 (Application)

|                          |                                                                        |
|--------------------------|------------------------------------------------------------------------|
| 稀释比 (Dilution Ratio)     | WB 1:500-1:2000,IHC 1:100-1:300,ICC/IF 1:50-1:200,ELISA 1:5000-1:20000 |
| 蛋白分子量 (Molecular Weight) | 20kDa                                                                  |

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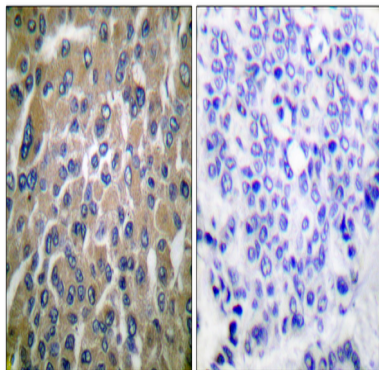


## 研究背景 (Background)

This gene is a member of the glycoprotein hormone beta chain family and encodes the beta 3 subunit of chorionic gonadotropin (CG). Glycoprotein hormones are heterodimers consisting of a common alpha subunit and an unique beta subunit which confers biological specificity. CG is produced by the trophoblastic cells of the placenta and stimulates the ovaries to synthesize the steroids that are essential for the maintenance of pregnancy. The beta subunit of CG is encoded by 6 genes which are arranged in tandem and inverted pairs on chromosome 19q13.3 and contiguous with the luteinizing hormone beta subunit gene. [provided by RefSeq, Jul 2008],developmental stage:Made by the first trimester placenta.,function:Stimulates the ovaries to synthesize the steroids that are essential for the maintenance of pregnancy.,online information:Chorionic gonadotropin entry,pharmaceutical:Available under the names Novarel (Ferring) and Profasi (Serono). Used as adjunctive therapy in the treatment of obesity. There is no substantial evidence that it increases weight loss beyond that resulting from caloric restriction, that it causes a more attractive or 'normal' distribution of fat, or that it decreases the hunger and discomfort associated with calorie-restricted diets.,similarity:Belongs to the glycoprotein hormones subunit beta family.,subunit:Heterodimer of a common alpha chain and a unique beta chain which confers biological specificity to thyrotropin, lutropin, follitropin and gonadotropin.,tissue specificity:Placenta.,

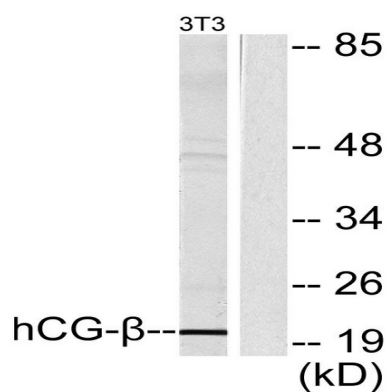
## 研究领域 (Research Area)

## 图片 (Image Data)

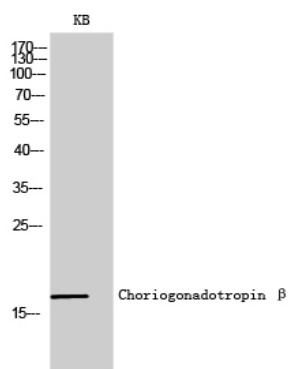


Immunohistochemistry analysis of paraffin-embedded human breast carcinoma tissue, using hCG beta Antibody. The picture on the right is blocked with the synthesized peptide.

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Western blot analysis of lysates from NIH/3T3 cells, using hCG beta Antibody. The lane on the right is blocked with the synthesized peptide.



Western Blot analysis of KB cells using Choriogonadotropin  $\beta$  Polyclonal Antibody diluted at 1: 2000

### 注意事项 (Note)

For research use only .