

产品名称: APHC Rabbit Polyclonal Antibody  
产品货号: APRab07009



## 产品概述 (Summary)

|                        |                                 |
|------------------------|---------------------------------|
| 产品名称 (Production Name) | APHC 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,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)        | ACER3                                                                                                                                   |
| 别名 (Alternative Names) | ACER3; APHC; PHCA; Alkaline ceramidase 3; AlkCDase 3; Alkaline CDase 3; Alkaline dihydroceramidase SB89; Alkaline phytoceramidase; aPHC |
| 基因 ID (Gene ID)        | 55331.0                                                                                                                                 |
| 蛋白 ID (SwissProt ID)   | Q9NUN7.The antiserum was produced against synthesized peptide derived from human PHCA. AA range:171-220                                 |

## 产品应用 (Application)

|                          |                                                                           |
|--------------------------|---------------------------------------------------------------------------|
| 稀释比 (Dilution Ratio)     | WB 1:500-1:2000,IHC 1:100-1:300,ICC/IF 1:200-1:1000,ELISA 1:20000-1:40000 |
| 蛋白分子量 (Molecular Weight) | 35kDa                                                                     |

产品名称: APHC Rabbit Polyclonal Antibody  
产品货号: APRab07009



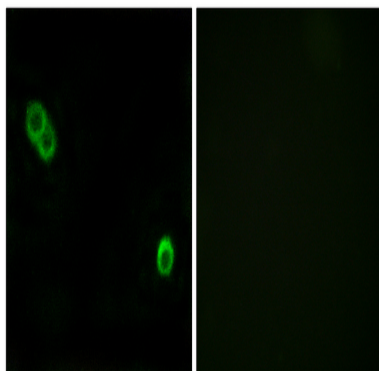
## 研究背景 (Background)

enzyme regulation: Activated by  $\text{Ca}^{2+}$  and inhibited by  $\text{Zn}^{2+}$ ., function: Hydrolyzes only phytoceramide into phytosphingosine and free fatty acid. Does not have reverse activity., similarity: Belongs to the alkaline ceramidase family., tissue specificity: Ubiquitously expressed. Highest expression in placenta., enzyme regulation: Activated by  $\text{Ca}^{2+}$  and inhibited by  $\text{Zn}^{2+}$ ., function: Hydrolyzes only phytoceramide into phytosphingosine and free fatty acid. Does not have reverse activity., similarity: Belongs to the alkaline ceramidase family., tissue specificity: Ubiquitously expressed. Highest expression in placenta.,

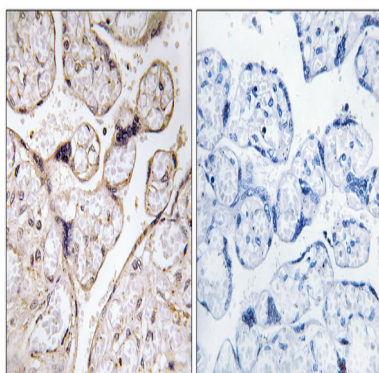
## 研究领域 (Research Area)

Sphingolipid metabolism;

## 图片 (Image Data)

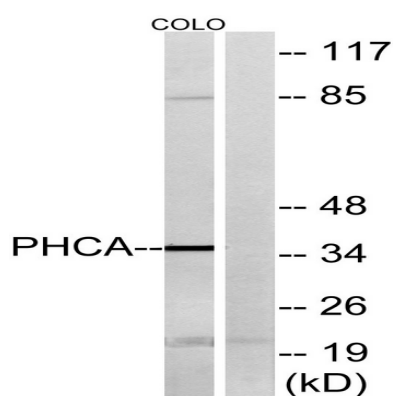


Immunofluorescence analysis of MCF7 cells, using PHCA Antibody. The picture on the right is blocked with the synthesized peptide.

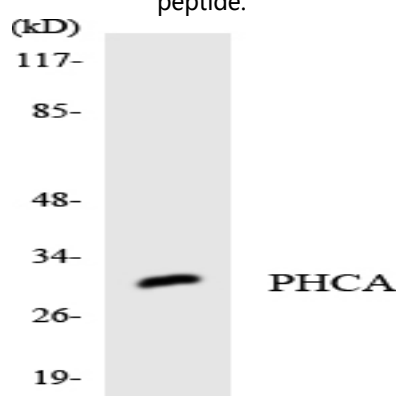


Immunohistochemistry analysis of paraffin-embedded human placenta tissue, using PHCA Antibody. The picture on the right is blocked with the synthesized peptide.

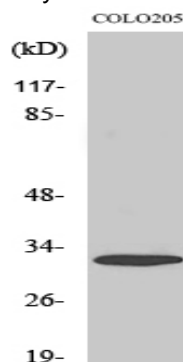
产品名称: APHC Rabbit Polyclonal Antibody  
产品货号: APRab07009



Western blot analysis of lysates from COLO cells, using PHCA Antibody. The lane on the right is blocked with the synthesized peptide.



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



Western Blot analysis of various cells using APHC Polyclonal Antibody

## 注意事项 (Note)

For research use only .