

**产品名称: Ob Rabbit Polyclonal Antibody**  
**产品货号: APRab15086**



## 产品概述 (Summary)

|                        |                               |
|------------------------|-------------------------------|
| 产品名称 (Production Name) | Ob Rabbit Polyclonal Antibody |
| 描述 (Description)       | Rabbit polyclonal Antibody    |
| 宿主 (Host)              | Rabbit                        |
| 应用 (Application)       | IHC, ICC, IF, ELISA           |
| 种属反应性 (Reactivity)     | Human, Mouse, Rat             |

## 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)        | LEP OB OBS                                                      |
| 别名 (Alternative Names) | Leptin (Obese protein; Obesity factor)                          |
| 基因 ID (Gene ID)        | 3952.0                                                          |
| 蛋白 ID (SwissProt ID)   | P41159. Synthetic peptide from human protein at AA range: 10-50 |

## 产品应用 (Application)

|                          |                                                          |
|--------------------------|----------------------------------------------------------|
| 稀释比 (Dilution Ratio)     | IHC 1:50-1:200, ICC/IF 1:50-1:200, ELISA 1:10000-1:20000 |
| 蛋白分子量 (Molecular Weight) |                                                          |

## 研究背景 (Background)

This gene encodes a protein that is secreted by white adipocytes, and which plays a major role in the regulation of body

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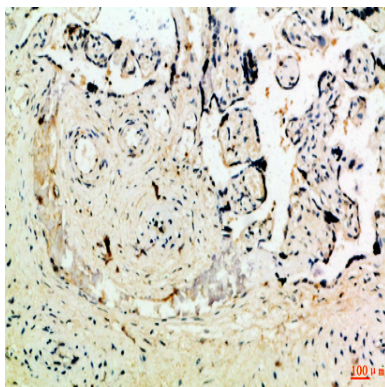


weight. This protein, which acts through the leptin receptor, functions as part of a signaling pathway that can inhibit food intake and/or regulate energy expenditure to maintain constancy of the adipose mass. This protein also has several endocrine functions, and is involved in the regulation of immune and inflammatory responses, hematopoiesis, angiogenesis and wound healing. Mutations in this gene and/or its regulatory regions cause severe obesity, and morbid obesity with hypogonadism. This gene has also been linked to type 2 diabetes mellitus development. [provided by RefSeq, Jul 2008],disease:Defects in LEP may be a cause of autosomal recessive obesity [MIM:601665],function:May function as part of a signaling pathway that acts to regulate the size of the body fat depot. An increase in the level of LEP may act directly or indirectly on the CNS to inhibit food intake and/or regulate energy expenditure as part of a homeostatic mechanism to maintain constancy of the adipose mass.,online information:Leptin entry,similarity:Belongs to the leptin family.,subunit:Interacts with SIGLEC6,

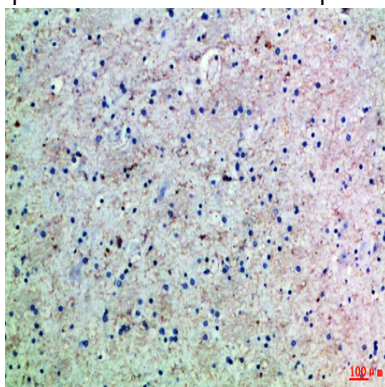
### 研究领域 (Research Area)

Cytokine-cytokine receptor interaction;Neuroactive ligand-receptor interaction;Jak\_STAT;Adipocytokine;

### 图片 (Image Data)

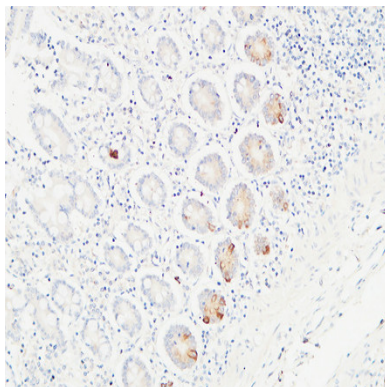


Immunohistochemical analysis of paraffin-embedded Human-placenta, antibody was diluted at 1:100

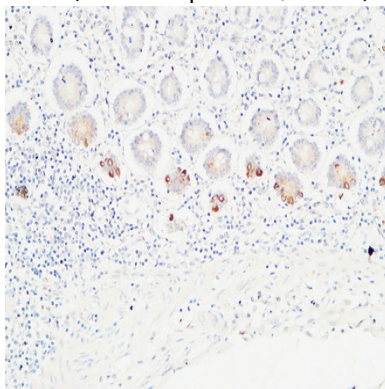


Immunohistochemical analysis of paraffin-embedded Human-brain, antibody was diluted at 1:100

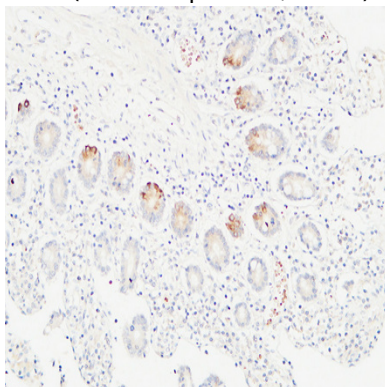
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Immunohistochemical analysis of paraffin-embedded Human colon. 1, Antibody was diluted at 1:100 (4°,overnight) . 2, High-pressure and temperature EDTA, pH8.0 was used for antigen retrieval. 3,Secondary antibody was diluted at 1:200 (room temperature, 30min) .



Immunohistochemical analysis of paraffin-embedded Human colon. 1, Antibody was diluted at 1:100 (4°,overnight) . 2, High-pressure and temperature EDTA, pH8.0 was used for antigen retrieval. 3,Secondary antibody was diluted at 1:200 (room temperature, 30min) .



Immunohistochemical analysis of paraffin-embedded Human colon. 1, Antibody was diluted at 1:100 (4°,overnight) . 2, High-pressure and temperature EDTA, pH8.0 was used for antigen retrieval. 3,Secondary antibody was diluted at 1:200 (room temperature, 30min) .

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**注意事项 (Note)**

For research use only .