

**产品名称: NNT-1 Rabbit Polyclonal Antibody**  
**产品货号: APRab14770**



## 产品概述 (Summary)

|                        |                                  |
|------------------------|----------------------------------|
| 产品名称 (Production Name) | NNT-1 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)        | CLCF1 BSF3 CLC NNT1                                                                                 |
| 别名 (Alternative Names) | Cardiotrophin-like cytokine factor 1 (B-cell-stimulating factor 3;BSF-3;Novel neurotrophin-1;NNT-1) |
| 基因 ID (Gene ID)        | 23529.0                                                                                             |
| 蛋白 ID (SwissProt ID)   | Q9UBD9.Synthetic peptide from human protein at AA range: 171-220                                    |

## 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)

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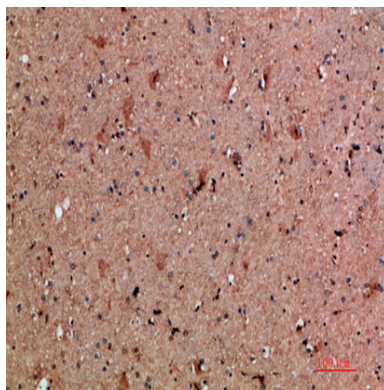


This gene is a member of the glycoprotein (gp)130 cytokine family and encodes cardiotrophin-like cytokine factor 1 (CLCF1). CLCF1 forms a heterodimer complex with cytokine receptor-like factor 1 (CRLF1). This dimer competes with ciliary neurotrophic factor (CNTF) for binding to the ciliary neurotrophic factor receptor (CNTFR) complex, and activates the Jak-STAT signaling cascade. CLCF1 can be actively secreted from cells by forming a complex with soluble type I CRLF1 or soluble CNTFR. CLCF1 is a potent neurotrophic factor, B-cell stimulatory agent and neuroendocrine modulator of pituitary corticotroph function. Defects in CLCF1 cause cold-induced sweating syndrome 2 (CISS2). This syndrome is characterized by a profuse sweating after exposure to cold as well as congenital physical abnormalities of the head and spine. Alternative splicing results in multiple transcript variants encoding disease: Defects in CLCF1 are the cause of cold-induced sweating syndrome 2 (CISS2) [MIM:610313]. Cold-induced sweating syndrome (CISS) is an autosomal recessive disorder characterized by profuse sweating induced by cool surroundings (temperatures of 7 to 18 degrees Celsius). Additional abnormalities include a high-arched palate, nasal voice, depressed nasal bridge, inability to fully extend the elbows and kyphoscoliosis., function: Cytokine with B-cell stimulating capability. Binds to and activates the ILST/gp130 receptor., similarity: Belongs to the IL-6 superfamily., tissue specificity: Expressed predominantly in lymph nodes, spleen, peripheral blood lymphocytes, bone marrow, and fetal liver.,

## 研究领域 (Research Area)

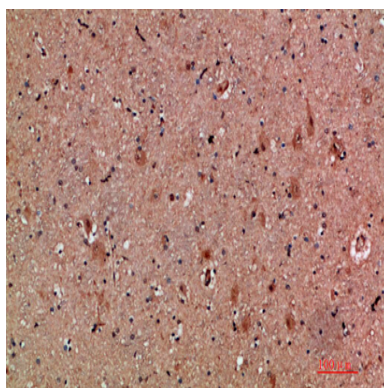
Cytokine-cytokine receptor interaction; Jak\_STAT;

## 图片 (Image Data)



Immunohistochemical analysis of paraffin-embedded human brain, antibody was diluted at 1:200

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Immunohistochemical analysis of paraffin-embedded human-brain, antibody was diluted at 1:200

#### **注意事项 (Note)**

For research use only .