

**产品名称: STAT3 Rabbit Monoclonal Antibody**  
**产品货号: AMRe04144**



## 产品概述 (Summary)

|                        |                                        |
|------------------------|----------------------------------------|
| 产品名称 (Production Name) | STAT3 Rabbit Monoclonal Antibody       |
| 描述 (Description)       | Recombinant rabbit monoclonal antibody |
| 宿主 (Host)              | Rabbit                                 |
| 应用 (Application)       | WB,IHC,ICC/IF                          |
| 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)      | Monoclonal                                                                                         |
| 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)       | Rabbit IgG in phosphate buffered saline , pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol. |
| 纯化方式 (Purification) | Affinity Chromatography                                                                            |

## 免疫原信息 (Immunogen)

|                        |                                                                                              |
|------------------------|----------------------------------------------------------------------------------------------|
| 基因名 (Gene Name)        | STAT3                                                                                        |
| 别名 (Alternative Names) | STAT3; APRF; Signal transducer and activator of transcription 3; Acute-phase response factor |
| 基因 ID (Gene ID)        | 6774                                                                                         |
| 蛋白 ID (SwissProt ID)   | P40763.                                                                                      |

## 产品应用 (Application)

|                          |                                                  |
|--------------------------|--------------------------------------------------|
| 稀释比 (Dilution Ratio)     | WB 1:500-1:1000,IHC 1:50-1:100,ICC/IF 1:50-1:200 |
| 蛋白分子量 (Molecular Weight) | Calculated MW: 88 kDa; Observed MW: 88 kDa       |

## 研究背景 (Background)

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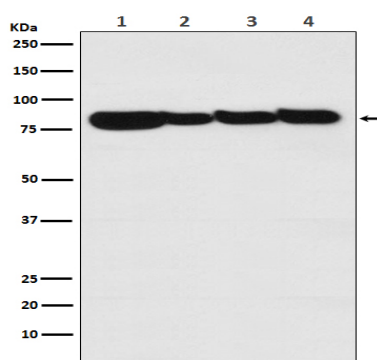


The protein encoded by this gene is a member of the STAT protein family. In response to cytokines and growth factors, STAT family members are phosphorylated by the receptor associated kinases, and then form homo- or heterodimers that translocate to the cell nucleus where they act as transcription activators.

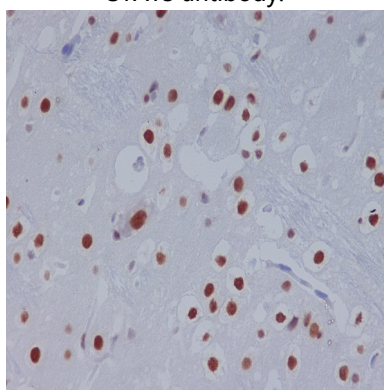
## 研究领域 (Research Area)

Signal Transduction

## 图片 (Image Data)

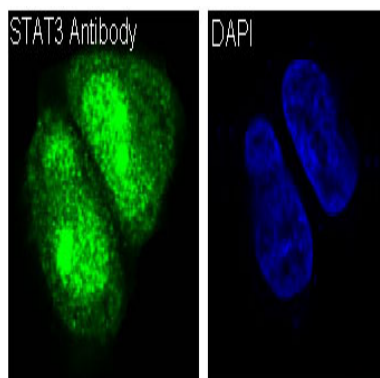


Western blot analysis of STAT3 in (1) A431 lysates; (2) Human liver lysates; (3) mouse heart lysates; (4) rat brain lysates using STAT3 antibody.



Immunohistochemistry analysis of paraffin-embedded rat brain using STAT3 antibody. High-pressure and temperature Sodium Citrate pH 6.0 was used for antigen retrieval.

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Immunofluorescence analysis of STAT3 in HeLa treated with IFN $\alpha$  using STAT3 antibody.

### **注意事项 (Note)**

For research use only .