

**产品名称:** Ferritin Heavy Chain Rabbit Polyclonal Antibody

**产品货号:** APRab03725

### 产品概述 (Summary)

|                   |                                                                                                    |
|-------------------|----------------------------------------------------------------------------------------------------|
| 描述(Description)   | Rabbit polyclonal Antibody                                                                         |
| 宿主(Host)          | Rabbit                                                                                             |
| 应用(Application)   | WB, ICC/IF                                                                                         |
| 种属反应(Reactivity)  | Human, Mouse, Rat                                                                                  |
| 偶联物(Conjugation)  | Unconjugated                                                                                       |
| 修饰(Modification)  | Unmodified                                                                                         |
| 同种型(Isotype)      | IgG                                                                                                |
| 克隆(Clonality)     | Polyclonal                                                                                         |
| 剂型(Form)          | Liquid                                                                                             |
| 保存条件(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 (Purification) | Affinity Chromatography                                                                            |

### 产品应用(Application)

|                       |                                            |
|-----------------------|--------------------------------------------|
| 稀释比(Dilution Ratio)   | WB 1:500-1:1000, ICC/IF 1:50-1:200         |
| 分子量(Molecular Weight) | Calculated MW: 21 kDa; Observed MW: 21 kDa |

### 抗原信息(Antigen Information)

|                       |                                                                                                                             |
|-----------------------|-----------------------------------------------------------------------------------------------------------------------------|
| 基因名(Gene Name)        | FTH1                                                                                                                        |
| 别名(Alternative Names) | FTH1; FTH; FTHL6; OK/SW-cl.84; PIG15; Ferritin heavy chain; Ferritin H subunit; Cell proliferation-inducing gene 15 protein |
| 基因 ID(Gene ID)        | 2495                                                                                                                        |
| SwissProt ID          | P02794                                                                                                                      |
| 免疫原(Immunogen)        | A synthetic peptide of human Ferritin Heavy Chain                                                                           |

### 研究背景 (Background)

The assembled ferritin molecule, often referred to as a nanocage, can store up to 4,500 atoms of iron. It forms a holoenzyme of ~450 kDa, consisting of 24 subunits made up of two types of polypeptide chains: ferritin heavy chain and ferritin light chain,

each having unique functions. Ferritin heavy chains catalyze the first step in iron storage, the oxidation of Fe(II), whereas ferritin light chains promote the nucleation of ferrihydrite, enabling storage of Fe(III).

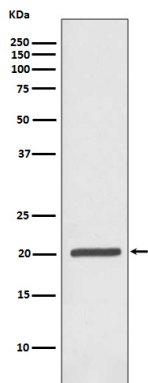
## 研究领域 (Research Area)

Neuroscience

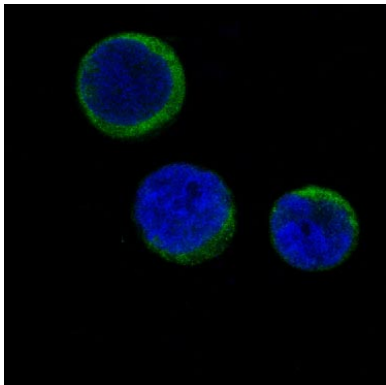
## 注意事项 (Note)

For research use only.

## 图片 (Image Data)



Western blot analysis of Ferritin in Jurkat lysates using Ferritin Heavy Chain antibody.



Immunofluorescence analysis of Ferritin Heavy Chain in Jurkat using Ferritin antibody.

## EnkiLife 优势产品推荐

| 产品类别                        | 产品货号     | 产品名称                                               |
|-----------------------------|----------|----------------------------------------------------|
| WB 解决方案                     | RA10020  | 2h 极速 WB 即用型全流程试剂盒                                 |
|                             | RA10021  | 4h 快速 WB 即用型全流程试剂盒                                 |
|                             | RA10042  | 5h 畅享版 WB 全流程试剂盒                                   |
|                             | RA10037  | 校准级彩色预染蛋白 Marker (8-180kDa)                        |
|                             | RA10038  | 校准级彩色预染蛋白 Marker (10-250kDa)                       |
|                             | RA10039  | 校准级高分子彩色预染蛋白 Marker (25-400kDa)                    |
| TSA 多重荧光染色试剂盒               | RA10008  | TSA 双标三色多重荧光染色试剂盒 (mIHC)                           |
|                             | RA10009  | TSA 三标四色多重荧光染色试剂盒 (mIHC)                           |
|                             | RA10010  | TSA 四标五色多重荧光染色试剂盒 (mIHC)                           |
|                             | RA10011  | TSA 五标六色多重荧光染色试剂盒 (mIHC)                           |
|                             | RA10012  | TSA 六标七色多重荧光染色试剂盒 (mIHC)                           |
| IHC 检测试剂盒                   | RA10006  | HRP Anti-Mouse/Rabbit IHC Detection System         |
|                             | RA10007  | Polymer-HRP Anti-Mouse/Rabbit IHC Detection System |
| 抗体标记试剂盒                     | RE80004p | 辣根过氧化物酶(HRP)抗体标记试剂盒                                |
|                             | RE80002q | Sulfo-NHS-生物素标记试剂盒                                 |
|                             | RE80007p | Cy3 荧光素标记试剂盒                                       |
|                             | RE80011p | Fluor488 荧光素标记试剂盒                                  |
|                             | RE80017p | Fluor750 荧光素标记试剂盒                                  |
|                             | RE80005p | 藻红蛋白(R-PE) 抗体快速标记试剂盒                               |
|                             | RE80040  | PE-Cy7 串联染料抗体快速标记试剂盒                               |
| 稳转细胞系构建服务<br>(免费赠送全膜 WB 验证) | TS-0001  | 过表达稳转细胞系构建                                         |
|                             | TS-0002  | 敲低稳转细胞系构建                                          |
|                             | TS-0003  | 敲除细胞系构建                                            |

限于篇幅，更多产品详见官网：<https://www.enkilife.cn>