

**产品名称:** ERR alpha Rabbit Monoclonal Antibody

**产品货号:** AMRe03994

### 产品概述 (Summary)

|                   |                                                                                                                |
|-------------------|----------------------------------------------------------------------------------------------------------------|
| 描述(Description)   | Recombinant rabbit monoclonal antibody                                                                         |
| 宿主(Host)          | Rabbit                                                                                                         |
| 应用(Application)   | WB,FC,IP                                                                                                       |
| 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)     | Monoclonal                                                                                                     |
| 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)      | Liquid in 50mM Tris-Glycine(pH 7.4), 0.15M NaCl, 40%Glycerol, 0.01% sodium azide and 0.05% protective protein. |
| 纯化 (Purification) | Affinity Purification                                                                                          |

### 产品应用(Application)

|                       |                                            |
|-----------------------|--------------------------------------------|
| 稀释比(Dilution Ratio)   | WB 1:500-1:1000,FC 1:50-1:100,IP 1:20-1:50 |
| 分子量(Molecular Weight) | Calculated MW:46 kDa;Observed MW: 50 kDa   |

### 抗原信息(Antigen Information)

|                       |                                                                                                                                                       |
|-----------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------|
| 基因名(Gene Name)        | ESRRA                                                                                                                                                 |
| 别名(Alternative Names) | ESRRA; ERRa; ERR1; HERR1; NR3B1; Steroid hormone receptor ERR1; ERR-alpha; ERRalpha; ESRL1; Estrogen receptor-like 1; Estrogen-related receptor alpha |
| 基因 ID(Gene ID)        | 2101                                                                                                                                                  |
| SwissProt ID          | P11474                                                                                                                                                |
| 免疫原(Immunogen)        | A synthetic peptide of human Estrogen Related Receptor alpha                                                                                          |

### 研究背景 (Background)

Estrogen-related receptor alpha (ERR $\alpha$ /NR3B1) is an orphan nuclear receptor that controls transcription of genes involved in fatty acid oxidation, glucose metabolism, and mitochondrial biogenesis. The receptor protein contains a non-conserved amino

terminal domain (NTD), a central zinc finger DNA binding domain, and a ligand-binding domain. The carboxy-terminal AF2 helix motif of ERR $\alpha$  contains binding sites for nuclear receptor coactivators PGC-1 $\alpha$  and PGC-1 $\beta$ . Research studies demonstrate that ERR $\alpha$  transcriptional activity is regulated through phosphorylation and sumoylation within the NTD.

### 研究领域 (Research Area)

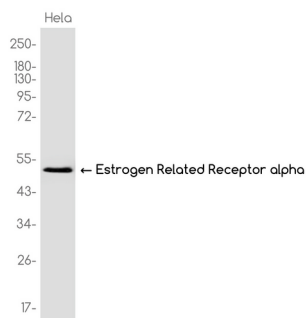
Epigenetics and Nuclear Signaling

### 注意事项 (Note)

For research use only.

### 图片 (Image Data)

Western blot analysis of ERR alpha in HeLa lysates using ERR alpha 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>