

**产品名称:** Phospho-EGFR (Tyr1092) Rabbit Polyclonal Antibody

**产品货号:** APRab00829

### 产品概述 (Summary)

|                   |                                                                                                |
|-------------------|------------------------------------------------------------------------------------------------|
| 描述(Description)   | Rabbit polyclonal Antibody                                                                     |
| 宿主(Host)          | Rabbit                                                                                         |
| 应用(Application)   | WB,IHC,ELISA                                                                                   |
| 种属反应(Reactivity)  | Human,Mouse,Rat                                                                                |
| 偶联物(Conjugation)  | Unconjugated                                                                                   |
| 修饰(Modification)  | Phosphorylated                                                                                 |
| 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)      | Liquid in PBS containing 50% glycerol, 0.5% protective protein and 0.02% sodium azide, pH 7.3. |
| 纯化 (Purification) | Affinity Chromatography                                                                        |

### 产品应用(Application)

|                       |                                                     |
|-----------------------|-----------------------------------------------------|
| 稀释比(Dilution Ratio)   | WB 1:500-1:1000,IHC 1:50-1:100,ELISA 1:5000-1:20000 |
| 分子量(Molecular Weight) | Calculated MW: 134 kDa; Observed MW: 140-160 kDa    |

### 抗原信息(Antigen Information)

|                       |                                                                                                                                               |
|-----------------------|-----------------------------------------------------------------------------------------------------------------------------------------------|
| 基因名(Gene Name)        | EGFR                                                                                                                                          |
| 别名(Alternative Names) | EGFR; ERBB; ERBB1; HER1; Epidermal growth factor receptor; Proto-oncogene c-ErbB-1; Receptor tyrosine-protein kinase erbB-1                   |
| 基因 ID(Gene ID)        | 1956                                                                                                                                          |
| SwissProt ID          | P00533                                                                                                                                        |
| 免疫原(Immunogen)        | The antiserum was produced against synthesized peptide derived from human EGFR around the phosphorylation site of Tyr1092. AA range:1061-1110 |

### 研究背景 (Background)

EGFR is a receptor tyrosine kinase. Receptor for epidermal growth factor (EGF) and related growth factors including TGF- $\alpha$ ,

amphiregulin, betacellulin, heparin-binding EGF-like growth factor, GP30 and vaccinia virus growth factor. Is involved in the control of cell growth and differentiation. . A single-pass transmembrane tyrosine kinase. Ligand binding to this receptor results in receptor dimerization, autophosphorylation (in trans), activation of various downstream signaling molecules and lysosomal degradation.

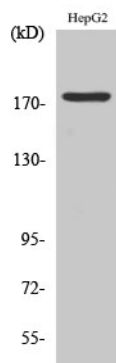
## 研究领域 (Research Area)

Signal Transduction

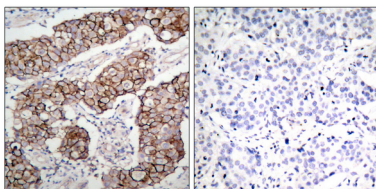
## 注意事项 (Note)

For research use only.

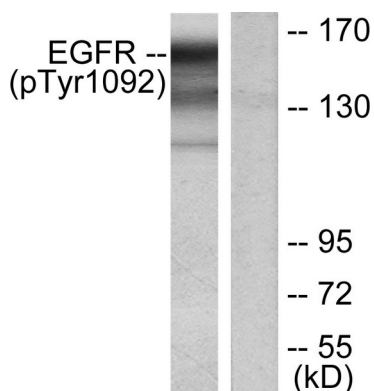
## 图片 (Image Data)



Western blot analysis of Phospho-EGFR (Tyr1092) in various lysates using Phospho-EGFR (Tyr1092) antibody.



Immunohistochemistry analysis of paraffin-embedded Human breast carcinoma, using EGFR (Phospho-Tyr109, 2) antibody. High-pressure and temperature Sodium Citrate pH 6.0 was used for antigen retrieval. Sample with blocking peptide on the right.



Western blot analysis of Phospho-EGFR (Tyr1092) in HUVEC lysates treated with EGF, using EGFR (Phospho-Tyr19, 2) antibody. The lane on the right is blocked with the Phospho-peptide.

## 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>