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# HER3 (Phospho-Tyr1222) Antibody

货号: **AYP4160**

## 产品信息

|       |   |
|-------|---|
| 反应    | Human   |
| 宿主    | Rabbit  |
| 克隆性   | Polyclonal  |
| 预测反应  |   |
| 应用    | WB IHC IF/ICC ELISA   |
| 推荐浓度  | <b>WB:</b> 1:500 - 1:2000<br><b>IHC:</b> 1:50 - 1:200<br><b>IF/ICC:</b> 1:50 - 1:200          |
| 理论分子量 | 20kDa/36kDa/77kDa/141kDa/148kDa   |
| 实测分子量 |   |
| 形式    | Liquid  |
| 保存条件  | Store at -20°C. Avoid freeze / thaw cycles.<br>Buffer: PBS with 0.75% BSA,50% glycerol,pH7.3. |
| 偶联物   | Unconjugated  |
| 阳性对照  | A-431   |
| 细胞定位  | Cell membrane,Secreted,Single-pass type I membrane protein                                    |
| 纯化    | Affinity purification   |

## 抗原信息

|      |  |
|------|--|
| 抗原信息 | Synthesized peptide derived from Human HER3 (Phospho-Tyr1222). |
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## 靶点信息

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| 研究背景  | This gene encodes a member of the epidermal growth factor receptor (EGFR) family of receptor tyrosine kinases. This membrane-bound protein has a neuregulin binding domain but not an active kinase domain. It therefore can bind this ligand but not convey the signal into the cell through protein phosphorylation. However, it does form heterodimers with other EGF receptor family members which do have kinase activity. Heterodimerization leads to the activation of pathways which lead to cell proliferation or differentiation. Amplification of this gene and/or overexpression of its protein have been reported in numerous cancers, including prostate, bladder, and breast tumors. Alternate transcriptional splice variants encoding different isoforms have been characterized. One isoform lacks the intermembrane region and is secreted outside the cell. This form acts to modulate the activity of the membrane-bound form. Additional splice variants have also been reported, but they have not been thoroughly characterized. |
| 基因ID  | 2065   |
| 基因名   | ERBB3  |
| Swiss | P21860 ( <a href="https://www.uniprot.org/uniprotkb/P21860/entry">https://www.uniprot.org/uniprotkb/P21860/entry</a> )   |
| 别名    | ERBB3,ErbB-3,HER3,LCCS2,MDA-BF-1,c-erbB-3,c-erbB3,erbB3-S,p180-ErbB3,p45-sErbB3,p85-sErbB3,HER3 (Phospho-Tyr1222) Antibody,Proto-oncogene-like protein c-ErbB-3,Tyrosine kinase-type cell surface receptor HER3,HER3 (Phospho-Tyr1222)   |

## 产品验证

## 实验步骤

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