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# Phospho-IGF-IRceptor $\beta$ (Tyr1135/1136)/InsulinReceptor $\beta$ (Tyr1150/1151) Rabbit pAb

货号: AYP24060

## 产品信息

|       |  |
|-------|--|
| 反应    | Human  |
| 宿主    | Rabbit   |
| 克隆性   | Polyclonal   |
| 预测反应  |  |
| 应用    | WB   |
| 推荐浓度  | <b>WB:</b> 1:1000 - 1:5000   |
| 理论分子量 | 156kDa   |
| 实测分子量 | 102KDa   |
| 形式    | Liquid   |
| 保存条件  | Store at -20°C. Avoid freeze / thaw cycles.<br>Buffer: PBS with 0.05% proclin300,50% glycerol,pH7.3.                         |
| 偶联物   | Unconjugated   |
| 阳性对照  | HeLa   |
| 细胞定位  | axon,caveola,dendrite membrane,external side of plasma membrane,extracellular exosome,late endosome,lysosome,plasma membrane |
| 纯化    | Affinity purification  |

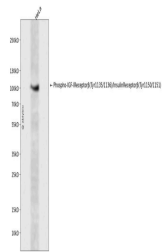
## 抗原信息

|      |   |
|------|---|
| 抗原信息 | A synthetic phosphorylated peptide around IReceptor $\beta$ (Tyr1135/1136)/InsulinReceptor $\beta$ (Tyr1150/1151) of human IGF. |
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## 靶点信息

|       |  |
|-------|--|
| 研究背景  | This gene encodes a member of the receptor tyrosine kinase family of proteins. The encoded preproprotein is proteolytically processed to generate alpha and beta subunits that form a heterotetrameric receptor. Binding of insulin or other ligands to this receptor activates the insulin signaling pathway, which regulates glucose uptake and release, as well as the synthesis and storage of carbohydrates, lipids and protein. Mutations in this gene underlie the inherited severe insulin resistance syndromes including type A insulin resistance syndrome, Donohue syndrome and Rabson-Mendenhall syndrome. Alternative splicing results in multiple transcript variants. This receptor binds insulin-like growth factor with a high affinity. It has tyrosine kinase activity. The insulin-like growth factor I receptor plays a critical role in transformation events. Cleavage of the precursor generates alpha and beta subunits. It is highly overexpressed in most malignant tissues where it functions as an anti-apoptotic agent by enhancing cell survival. Alternatively spliced transcript variants encoding distinct isoforms have been found for this gene. |
| 基因ID  | 3643,3480  |
| 基因名   | INSR,IGF1R   |
| Swiss | P06213 ( <a href="https://www.uniprot.org/uniprotkb/P06213/entry">https://www.uniprot.org/uniprotkb/P06213/entry</a> ), P08069 ( <a href="https://www.uniprot.org/uniprotkb/P08069/entry">https://www.uniprot.org/uniprotkb/P08069/entry</a> )   |
| 别名    | HHF5,CD220,IGFR,CD221,IGFIR,JTK13,Phospho-IGF-IReceptor $\beta$ (Tyr1135/1136)/InsulinReceptor $\beta$ (Tyr1150/1151) Rabbit pAb,INSR,IGF1R,Insulin-like growth factor I receptor,IGF  |

## 产品验证



Western blot analysis of Phospho-IGF-IReceptor $\beta$ (Tyr1135/1136)/InsulinReceptor $\beta$ (Tyr1150/1151) expressed in HeLa using Phospho-IGF-IReceptor $\beta$ (Tyr1135/1136)/InsulinReceptor $\beta$ (Tyr1150/1151) Rabbit pAb at 1:1000. Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) at 1:5000. Lysates/proteins: 30ug per lane. Blocking buffer: 5% non-fat dry milk in TBST. Detection: ECL Enhanced Kit. Exposure time: 120s.

## 实验步骤

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