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# PDX1 Rabbit pAb

货号: **AYP12668**

## 产品信息

|       |  |
|-------|--|
| 反应    | Human,Mouse  |
| 宿主    | Rabbit   |
| 克隆性   | Polyclonal   |
| 预测反应  | <b>WB:</b> Mus musculus  |
| 应用    | WB   |
| 推荐浓度  | <b>WB:</b> 1:500 - 1:1000  |
| 理论分子量 | 30kDa  |
| 实测分子量 | 39kDa  |
| 形式    | Liquid   |
| 保存条件  | Store at -20°C. Avoid freeze / thaw cycles.<br>Buffer: PBS with 0.02% sodium azide,50% glycerol,pH7.3. |
| 偶联物   | Unconjugated   |
| 阳性对照  | DU145,HepG2,Mouse pancreas,Mouse liver   |
| 细胞定位  | Cytoplasm,Nucleus,cytosol  |
| 纯化    | Affinity purification  |

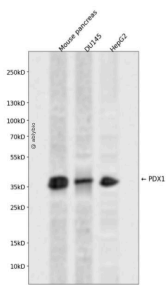
## 抗原信息

|      |   |
|------|---|
| 抗原信息 | A synthetic peptide corresponding to a sequence within amino acids 1-100 of human PDX1 (NP_000200.1). |
|------|---|

## 靶点信息

|       |  |
|-------|--|
| 研究背景  | The protein encoded by this gene is a transcriptional activator of several genes, including insulin, somatostatin, glucokinase, islet amyloid polypeptide, and glucose transporter type 2. The encoded nuclear protein is involved in the early development of the pancreas and plays a major role in glucose-dependent regulation of insulin gene expression. Defects in this gene are a cause of pancreatic agenesis, which can lead to early-onset insulin-dependent diabetes mellitus (NIDDM), as well as maturity onset diabetes of the young type 4 (MODY4). |
| 基因ID  | 3651   |
| 基因名   | PDX1   |
| Swiss | P52945 ( <a href="https://www.uniprot.org/uniprotkb/P52945/entry">https://www.uniprot.org/uniprotkb/P52945/entry</a> )   |
| 别名    | PDX1,GSF,IDX-1,IPF1,IUF1,MODY4,PAGEN1,PDX-1,STF-1,PDX1 Rabbit pAb,Glucose-sensitive factor,Insulin promoter factor 1,Insulin upstream factor 1,Islet/duodenum homeobox-1,Somatostatin-transactivating factor 1,STF1  |

## 产品验证



Western blot analysis of PDX1 expressed in Mouse pancreas,DU145,HepG2 using PDX1 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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