



# FBP1 rabbit pAb

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| 货号     | YP-Ab-18296                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
| 同位型    | IgG                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
| 应用     | WB                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
| 种属     | Human;Mouse;Rat                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |
| 靶点     | FBP1                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
| 基因名称   | FBP1 FBP                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
| 蛋白名称   | Fructose-1,6-bisphosphatase 1 (FBPase 1) (EC 3.1.3.11)<br>(D-fructose-1,6-bisphosphate 1-phosphohydrolase 1)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
| 免疫原    | Synthesized peptide derived from human FBP1                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
| 特异性    | This antibody detects endogenous levels of FBP1 at Human, Mouse,Rat                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
| 组成     | Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
| 来源     | Polyclonal, Rabbit,IgG                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
| 稀释     | WB 1:500-2000                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
| 纯化工艺   | The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
| 分子量    | 37kD                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
| 功能     | Catalyzes the hydrolysis of fructose 1,6-bisphosphate to fructose 6-phosphate in the presence of divalent cations, acting as a rate-limiting enzyme in gluconeogenesis. Plays a role in regulating glucose sensing and insulin secretion of pancreatic beta-cells. Appears to modulate glycerol gluconeogenesis in liver. Important regulator of appetite and adiposity; increased expression of the protein in liver after nutrient excess increases circulating satiety hormones and reduces appetite-stimulating neuropeptides and thus seems to provide a feedback mechanism to limit weight gain. |
| 组织表达   | Expressed in pancreatic islets.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |
| 浓度     | 1 mg/ml                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
| 储存     | -15°C to -25°C/1 year(Do not lower than -25°C)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
| 有关注意事项 | Avoid repeated freezing and thawing!                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
| 使用建议   | This product can be used in immunological reaction related experiments. For more information, please consult technical personnel.                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |



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