

Product datasheet for **AP17361PU-N**

FBP1 (Center) Rabbit Polyclonal Antibody

Product data:

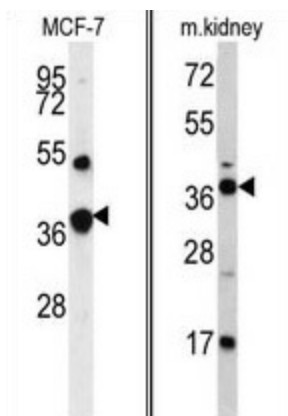
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|-----------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Product Type: | Primary Antibodies |
| Applications: | WB |
| Recommended Dilution: | Western blot: 1:50 - 1:100. ELISA: 1:1,000. |
| Reactivity: | Human, Mouse |
| Host: | Rabbit |
| Clonality: | Polyclonal |
| Immunogen: | KLH conjugated synthetic peptide selected from the Center region of human FBP1 |
| Specificity: | This antibody detects FBP1 at Center. |
| Formulation: | PBS with 0.09% (W/V) sodium azide State: Liquid Ig fraction |
| Concentration: | lot specific |
| Purification: | Prepared by Saturated Ammonium Sulfate (SAS) precipitation followed by dialysis against PBS |
| Conjugation: | Unconjugated |
| Storage: | Store the antibody at 2 - 8 °C up to one month or (in aliquots) at -20 °C for longer. Avoid repeated freezing and thawing. |
| Stability: | Shelf life: one year from despatch. |
| Gene Name: | fructose-bisphosphatase 1 |
| Database Link: | Entrez Gene 14121 Mouse Entrez Gene 2203 Human P09467 |
| Background: | Fructose-1,6-bisphosphatase 1, a gluconeogenesis regulatory enzyme, catalyzes the hydrolysis of fructose 1,6-bisphosphate to fructose 6-phosphate and inorganic phosphate. Fructose-1,6-diphosphatase deficiency is associated with hypoglycemia and metabolic acidosis. |
| Synonyms: | Fructose-1,6-bisphosphatase 1, FBPase 1, FBP |
| Note: | Molecular weight: 36814 Da |
| Protein Families: | Druggable Genome, Stem cell - Pluripotency |



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Protein Pathways: Fructose and mannose metabolism, Glycolysis / Gluconeogenesis, Insulin signaling pathway, Metabolic pathways, Pentose phosphate pathway

Product images:



(LEFT) Western blot analysis of FBP1 Antibody (Center) in MCF-7 cell line lysates (35 ug/lane). FBP1 (arrow) was detected using the purified Pab. (RIGHT) Western blot analysis of FBP1 antibody (Center) in mouse kidney tissue lysates (35 ug/lane). FBP1 (arrow) was detected using the purified Pab.