

Product datasheet for **AP17361PU-N**

FBP1 (Center) Rabbit Polyclonal Antibody

Product data:

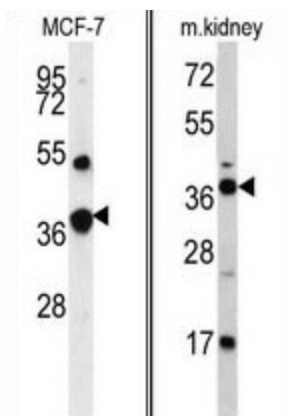
Product Type:	Primary Antibodies
Applications:	WB
Recommended Dilution:	Western blot: 1:50 - 1:100. ELISA: 1:1,000.
Reactivity:	Human, Mouse
Host:	Rabbit
Clonality:	Polyclonal
Immunogen:	KLH conjugated synthetic peptide selected from the Center region of human FBP1
Specificity:	This antibody detects 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:	Homo sapiens fructose-bisphosphatase 1 (FBP1), transcript variant 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.