

Product datasheet for **TA346042**

FBP1 Rabbit Polyclonal Antibody

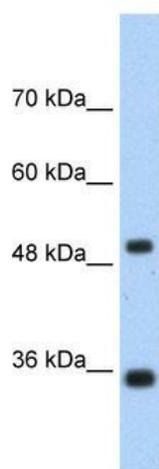
Product data:

Product Type:	Primary Antibodies
Applications:	IHC, WB
Recommended Dilution:	WB, IHC
Reactivity:	Human
Host:	Rabbit
Isotype:	IgG
Clonality:	Polyclonal
Immunogen:	The immunogen for anti-FBP1 antibody: synthetic peptide directed towards the N terminal of human FBP1. Synthetic peptide located within the following region: YVCFDPLDGSSNIDCLVSVGTIFGIYRKKSTDEPSEKDALQPGRNLVAA
Formulation:	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09% (w/v) sodium azide and 2% sucrose. <i>Note that this product is shipped as lyophilized powder to China customers.</i>
Purification:	Affinity Purified
Conjugation:	Unconjugated
Storage:	Store at -20°C as received.
Stability:	Stable for 12 months from date of receipt.
Predicted Protein Size:	37 kDa
Gene Name:	fructose-bisphosphatase 1
Database Link:	NP_000498 Entrez Gene 2203 Human P09467



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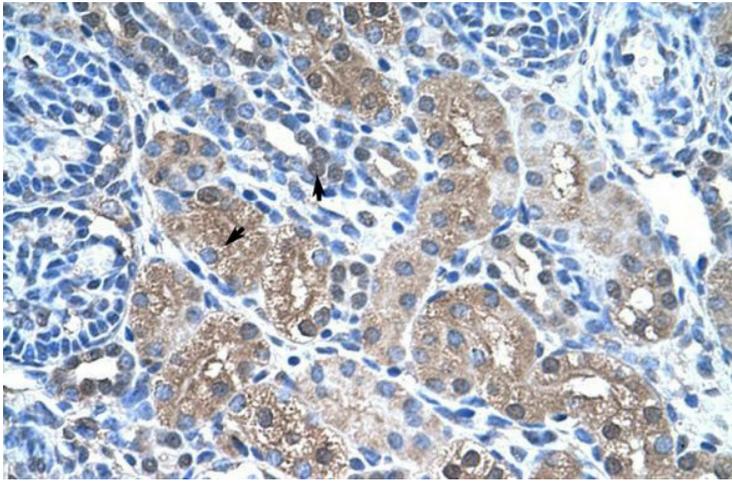
Background:	Fructose-1,6-bisphosphatase 1, a gluconeogenesis regulatory enzyme, catalyzes the hydrolysis of fructose 1,6-bisphosphate to fructose 6-phosphate and inorganic phosphate. Fructose-1,6-diphosphatase deficiency is associated with hypoglycemia and metabolic acidosis. Fructose-1,6-bisphosphatase 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:	FBP
Note:	Immunogen Sequence Homology: Human: 100%; Mouse: 100%; Pig: 93%; Horse: 93%; Rabbit: 93%; Guinea pig: 93%; Dog: 86%; Rat: 86%; Bovine: 86%; Zebrafish: 80%
Protein Families:	Druggable Genome, Stem cell - Pluripotency
Protein Pathways:	Fructose and mannose metabolism, Glycolysis / Gluconeogenesis, Insulin signaling pathway, Metabolic pathways, Pentose phosphate pathway

Product images:

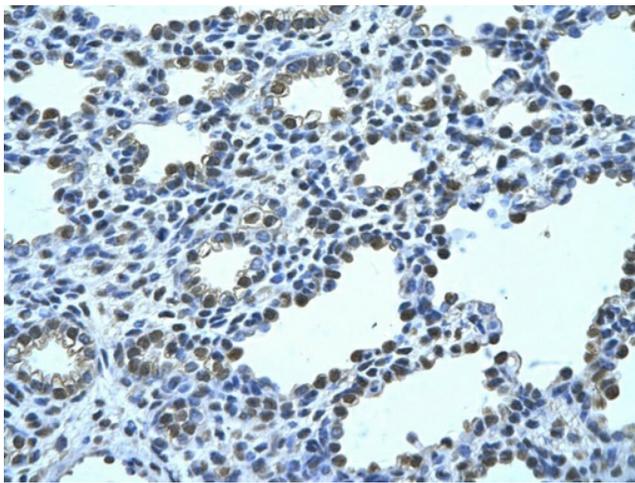
Rabbit Anti-FBP1 Antibody
Catalog Number: ARP41406
Lot Number: QC12088
Lane: Jurkat Cell Lysate

Antibody Titration: 1.25 µg/ml
Gel Concentration: 12%

WB Suggested Anti-FBP1 Antibody; Titration: 1.25 ug/ml; Positive Control: Jurkat cell lysate



Rabbit Anti-FBP1 Antibody; Paraffin Embedded Tissue: Human Kidney; Cellular Data: Epithelial cells of renal tubule; Antibody Concentration: 4.0-8.0 ug/ml; Magnification: 400X



Rabbit Anti-FBP1 Antibody; Paraffin Embedded Tissue: Human alveolar cell; Cellular Data: Epithelial cells of renal tubule; Antibody Concentration: 4.0-8.0 ug/ml; Magnification: 400X