

## Basic Information

|                    |   |
|--------------------|---|
| Product Name       | Anti-FBP1 Antibody (Clone#22F42)  |
| Gene Name          | FBP1  |
| Source             | Rabbit  |
| Clonality          | Monoclonal  |
| Isotype            | IgG   |
| Species Reactivity | human, mouse, rat   |
| Tested Application | WB, IHC   |
| Contents           | 500 ug/ml; Rabbit IgG in phosphate buffered saline, pH 7.4, 150mM NaCl, 0.02% sodium azide, 0.4-0.5 mg/ml BSA and 50% glycerol. |
| Immunogen          | A synthesized peptide derived from human FBP1   |
| Concentration      | 500 ug/ml   |
| Purification       | Affinity-chromatography   |
| Observed MW        | 37 kDa  |
| Dilution Ratios    | Western blot (WB): 1:500-2000<br>Immunohistochemistry (IHC):1:50-200  |

## Storage

12 months from date of receipt, -20°C as supplied. 6 months 2 to 8°C after reconstitution. Avoid repeated freezing and thawing.

## Background Information

Fructose-1,6-bisphosphatase 1 is a protein that in humans is encoded by the FBP1 gene. 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.

## Reference

Anti-FBP1 Antibody (Clone#22F42)被引用在1文献中。

## Selected Validation Data

Western blot analysis of FBP1 expression in MCF7 cell lysate.

