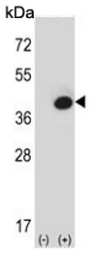
Fructose-1,6-bisphosphatase 1 Antibody / FBP1 (F54924)

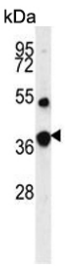
Catalog No.	Formulation	Size
F54924-0.4ML	In 1X PBS, pH 7.4, with 0.09% sodium azide	0.4 ml
F54924-0.08ML	In 1X PBS, pH 7.4, with 0.09% sodium azide	0.08 ml

Bulk quote request

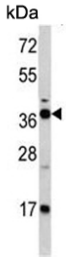
Availability	1-3 business days
Species Reactivity	Human, Mouse
Format	Purified
Clonality	Polyclonal (rabbit origin)
Isotype	Rabbit Ig
Purity	Purified
UniProt	P09467
Localization	Cytoplasmic, nuclear
Applications	Western Blot : 1:500-1:1000 Immunohistochemistry (FFPE) : 1:10-1:50
Limitations	This Fructose-1,6-bisphosphatase 1 antibody is available for research use only.



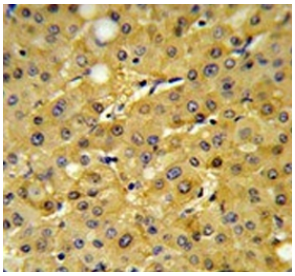
Western blot testing of 1) non-transfected and 2) transfected 293 cell lysate with Fructose-1,6-bisphosphatase 1 antibody.



Western blot testing of human MCF7 cell lysate with Fructose-1,6-bisphosphatase 1 antibody. Predicted molecular weight ~37 kDa.



Western blot testing of mouse kidney tissue lysate with Fructose-1,6-bisphosphatase 1 antibody. Predicted molecular weight ~37 kDa.



IHC testing of FFPE human hepatocellular carcinoma tissue with Fructose-1,6-bisphosphatase 1 antibody. HIER: steam section in pH6 citrate buffer for 20 min and allow to cool prior to staining.

Description

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.

Application Notes

The stated application concentrations are suggested starting points. Titration of the Fructose-1,6-bisphosphatase 1 antibody may be required due to differences in protocols and secondary/substrate sensitivity.

Immunogen

A portion of amino acids 125-156 from the human protein was used as the immunogen for the Fructose-1,6-bisphosphatase 1 antibody.

Storage

Aliquot the Fructose-1,6-bisphosphatase 1 antibody and store frozen at -20oC or colder. Avoid repeated freeze-thaw cycles.

Ordering: Phone: 858.663.9055 | Fax: 1.267.821.0800 | Email: info@nsjbio.com