

Product Datasheet

FBPase 1 Antibody - BSA Free NBP1-84721

Unit Size: 0.1 ml

Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.

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Publications: 1

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Updated 4/13/2025 v.20.1

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NBP1-84721

FBPase 1 Antibody - BSA Free

Product Information	
Unit Size	0.1 ml
Concentration	Concentrations vary lot to lot. See vial label for concentration. If unlisted please contact technical services.
Storage	Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.
Clonality	Polyclonal
Preservative	0.02% Sodium Azide
Isotype	IgG
Purity	Immunogen affinity purified
Buffer	PBS (pH 7.2) and 40% Glycerol

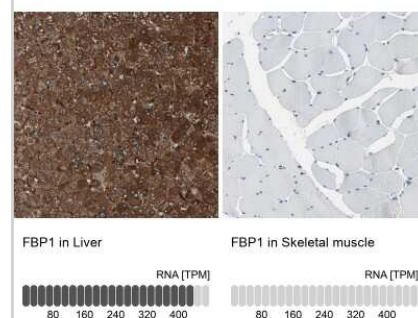
Product Description	
Host	Rabbit
Gene ID	2203
Gene Symbol	FBP1
Species	Human
Reactivity Notes	Reactivity reported in scientific literature (PMID: 25043030). Rat (88%).
Immunogen	This antibody was developed against Recombinant Protein corresponding to amino acids: DCLVSVGTIFGIYRKKSTDEPSEKDALQPGRNLVAAGYALYGSATMLVLAMDC GVNCFMLDPAIGEFILVDKDVKIKKKGKIYSLNEGYAKDFDPAVTEYIQRKKFPP DNSAP

Product Application Details	
Applications	Western Blot, Simple Western, Immunohistochemistry, Immunohistochemistry-Paraffin
Recommended Dilutions	Western Blot 0.04-0.4 ug/ml, Simple Western 1:20, Immunohistochemistry 1:1000 - 1:2500, Immunohistochemistry-Paraffin 1:1000 - 1:2500
Application Notes	For IHC-Paraffin, HIER pH 6 retrieval is recommended. In Simple Western only 10 - 15 uL of the recommended dilution is used per data point. See Simple Western Antibody Database for Simple Western validation: Tested in RT-4 and NIH-3T3, separated by Size, antibody dilution of 1:20, apparent MW was 41 kDa. Separated by Size-Wes, Sally Sue/Peggy Sue.



Images

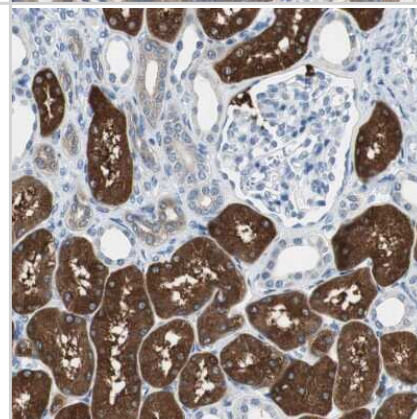
Immunohistochemistry-Paraffin: FBPase 1 Antibody [NBP1-84721] - Staining in human liver and skeletal muscle tissues . Corresponding FBP1 RNA-seq data are presented for the same tissues.



Immunohistochemistry-Paraffin: FBPase 1 Antibody [NBP1-84721] - Staining of human duodenum shows moderate cytoplasmic positivity in glandular cells.



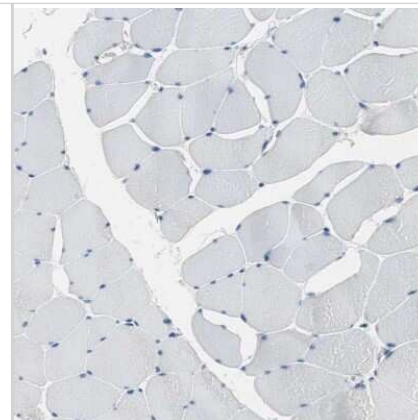
Immunohistochemistry-Paraffin: FBPase 1 Antibody [NBP1-84721] - Staining of human kidney shows moderate to strong cytoplasmic positivity in cells in tubules.



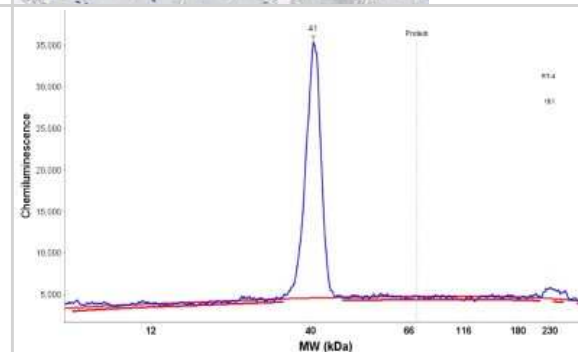
Immunohistochemistry-Paraffin: FBPase 1 Antibody [NBP1-84721] - Staining of human liver shows moderate to strong cytoplasmic positivity in hepatocytes.



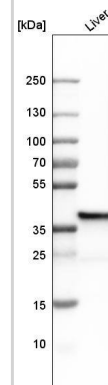
Immunohistochemistry-Paraffin: FBPase 1 Antibody [NBP1-84721] - Staining of human skeletal muscle shows no positivity in myocytes as expected.



Simple Western: FBPase 1 Antibody [NBP1-84721] - Electropherogram image(s) of corresponding Simple Western lane view. FBPase 1 antibody was used at 1:20 dilution on RT-4 and NIH-3T3 lysates(s).



Analysis in human liver tissue.



Publications

Li B, Qiu B, Lee DS et al. Fructose-1, 6-bisphosphatase opposes renal carcinoma progression. Nature 2014-09-11 [PMID: 25043030]



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Products Related to NBP1-84721

NBP1-84721PEP	FBPase 1 Recombinant Protein Antigen
HAF008	Goat anti-Rabbit IgG Secondary Antibody [HRP]
NB7160	Goat anti-Rabbit IgG (H+L) Secondary Antibody [HRP]
NBP2-24891	Rabbit IgG Isotype Control

Limitations

This product is for research use only and is not approved for use in humans or in clinical diagnosis. Primary Antibodies are guaranteed for 1 year from date of receipt.

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