

# 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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**NBP1-84721**

FBPase 1 Antibody - BSA Free

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

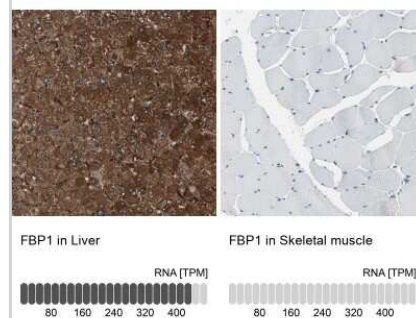
Product Description	
<b>Description</b>	Novus Biologicals Rabbit FBPase 1 Antibody - BSA Free (NBP1-84721) is a polyclonal antibody validated for use in IHC, WB and Simple Western. Anti-FBPase 1 Antibody: Cited in 1 publication. All Novus Biologicals antibodies are covered by our 100% guarantee.
<b>Host</b>	Rabbit
<b>Gene ID</b>	2203
<b>Gene Symbol</b>	FBP1
<b>Species</b>	Human
<b>Reactivity Notes</b>	Reactivity reported in scientific literature (PMID: 25043030). Rat (88%).
<b>Immunogen</b>	This antibody was developed against Recombinant Protein corresponding to amino acids: DCLVSVGTIFGIYRKKSTDEPSEKDALQPGRNLVAAGYALYGSATMLVLAMDC GVNCFMLDPAIGEFILVDKDKVKKKKGIYSLNEGYAKDFDPAVTEYIQRKKFPP DNSAP

Product Application Details	
<b>Applications</b>	Western Blot, Simple Western, Immunohistochemistry-Paraffin, Immunohistochemistry
<b>Recommended Dilutions</b>	Western Blot 0.04-0.4 ug/ml, Simple Western 1:20, Immunohistochemistry 1:1000 - 1:2500, Immunohistochemistry-Paraffin 1:1000 - 1:2500
<b>Application Notes</b>	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 <a href="#">Simple Western Antibody Database</a> 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

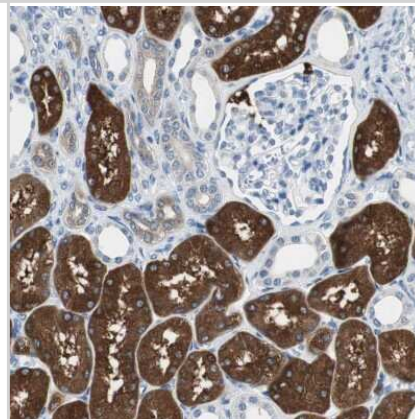
Immunohistochemistry-Paraffin: FBPase 1 Antibody [NBP1-84721] - Staining in human liver and skeletal muscle tissues . Corresponding FBP1 RNA-seq data are presented for the same tissues.



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



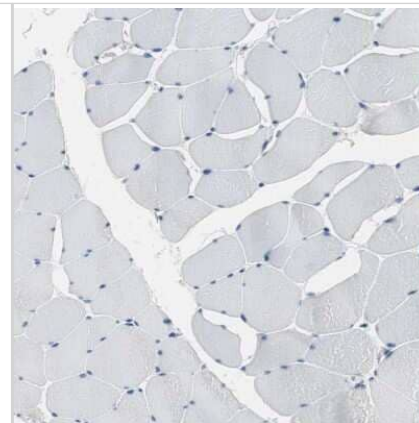
Immunohistochemistry-Paraffin: FBPase 1 Antibody [NBP1-84721] - Staining of human kidney shows moderate to strong cytoplasmic positivity in cells in tubules.



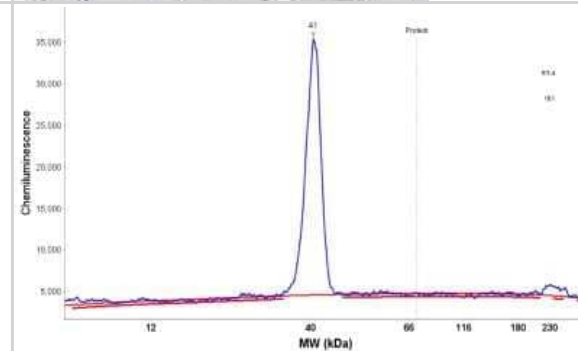
Immunohistochemistry-Paraffin: FBPase 1 Antibody [NBP1-84721] - Staining of human liver shows moderate to strong cytoplasmic positivity in hepatocytes.



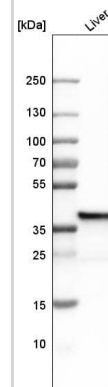
Immunohistochemistry-Paraffin: FBPase 1 Antibody [NBP1-84721] - Staining of human skeletal muscle shows no positivity in myocytes as expected.



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**

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NBP1-84721PEP	FBPase 1 Recombinant Protein Antigen
NBP2-33376H	Blue Marker Antibody (6F4-F6) [HRP]
HAF008	Goat anti-Rabbit IgG Secondary Antibody [HRP]
NB7160	Goat anti-Rabbit IgG (H+L) Secondary Antibody [HRP]
NBP2-24891	Rabbit IgG Isotype Control

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### **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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