

# Product Datasheet

## BANF1 Antibody - BSA Free

### NBP1-76751

Unit Size: 0.1 mg

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

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**NBP1-76751**

BANF1 Antibody - BSA Free

**Product Information**

<b>Unit Size</b>	0.1 mg
<b>Concentration</b>	1 mg/ml
<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>	Peptide affinity purified
<b>Buffer</b>	PBS
<b>Target Molecular Weight</b>	12 kDa

**Product Description**

<b>Description</b>	Novus Biologicals Rabbit BANF1 Antibody - BSA Free (NBP1-76751) is a polyclonal antibody validated for use in WB, ELISA and ICC/IF. Anti-BANF1 Antibody: Cited in 1 publication. All Novus Biologicals antibodies are covered by our 100% guarantee.
<b>Host</b>	Rabbit
<b>Gene ID</b>	8815
<b>Gene Symbol</b>	BANF1
<b>Species</b>	Human, Mouse, Rat, Hamster
<b>Reactivity Notes</b>	Hamster reactivity reported in scientific literature (PMID: 27548707).
<b>Specificity/Sensitivity</b>	Human BANF1 has one isoform (89aa, 10kD). Mouse BANF1 has one isoform (89aa, 10kD) and Rat BANF1 also has one isoform (89aa, 10kD). NBP1-76751 can detect human, mouse and rat.
<b>Immunogen</b>	Antibody was raised against a peptide corresponding to 19 amino acids near the amino terminus of human BANF1. The immunogen is located within the first 50 amino acids of BANF1. Amino Acid Sequence: TTSQKHRDFVAEPMGEKPV

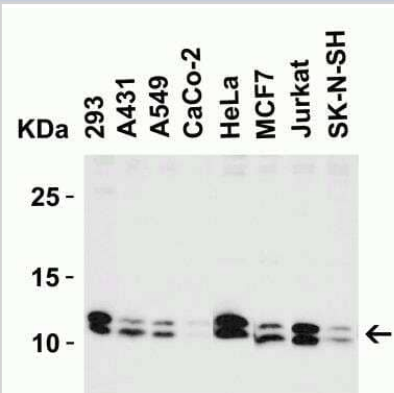
**Product Application Details**

<b>Applications</b>	Western Blot, ELISA, Immunocytochemistry/ Immunofluorescence, Immunofluorescence
<b>Recommended Dilutions</b>	Western Blot 1-2 ug/mL, ELISA 1:100-1:2000, Immunocytochemistry/ Immunofluorescence 20 ug/ml, Immunofluorescence 20 ug/mL

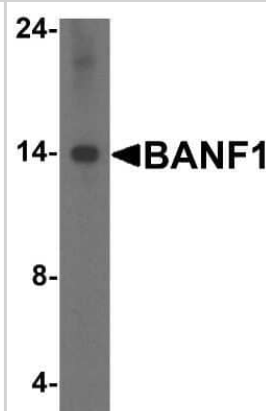


## Images

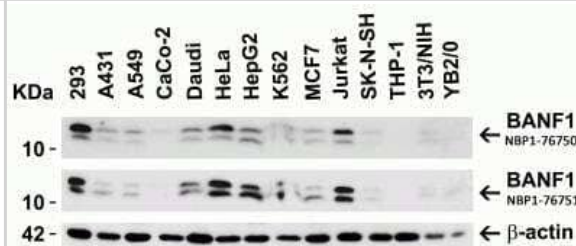
Western Blot: BANF1 Antibody [NBP1-76751] - Western Blot Validation in Human Cell Lines. Loading: 15 ug of lysates per lane. Antibodies: BANF1, NBP1-76751 (2 ug/mL), 1h incubation at RT in 5% NFDM/TBST. Secondary: Goat anti-rabbit IgG HRP conjugate at 1:10000 dilution.



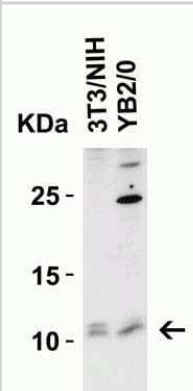
Western Blot: BANF1 Antibody [NBP1-76751] - Analysis in Hela cell lysate with antibody at 1 ug/mL.



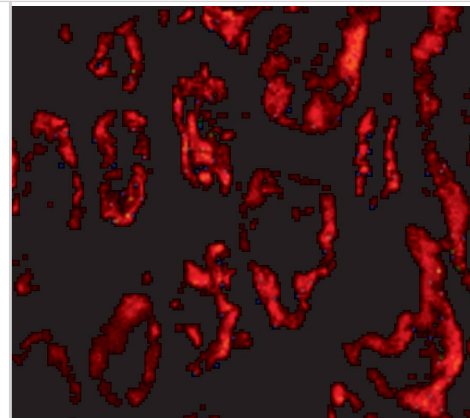
Western Blot: BANF1 Antibody [NBP1-76751] - Independent Antibody Validation via Protein Expression in Human Lines. Loading: 15 ug of lysates per lane. Antibodies: BANF1 [NBP1-76750] (2 ug/ml), BANF1 [NBP1-76751] (2 ug/ml) and beta-actin (1.5 ug/ml). 1h incubation at RT in 5% NFDM/TBST. Secondary: Goat anti-rabbit IgG HRP conjugate at 1:10000 dilution.



Western Blot: BANF1 Antibody [NBP1-76751] - Western Blot Validation in Mouse and Rat Cell Lines. Loading: 15 ug of lysates per lane. Antibodies: BANF1, NBP1-76751 (2 ug/mL), 1h incubation at RT in 5% NFDM/TBST. Secondary: Goat anti-rabbit IgG HRP conjugate at 1:10000 dilution.



Immunocytochemistry/ Immunofluorescence: BANF1 Antibody - BSA Free [NBP1-76751] - Figure 5 Immunofluorescence Validation of BANF1 in Human Kidney Tissue Immunofluorescent analysis of 4% paraformaldehyde-fixed human kidney tissue labeling BANF1 with at 20 ug/mL, followed by goat anti-rabbit IgG secondary antibody at 1/500 dilution (red).



## Publications

Tajik A, Zhang Y, Wei F et al. Transcription upregulation via force-induced direct stretching of chromatin. Nat Mater. 2016-08-22 [PMID: 27548707] (WB, Hamster)



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### **Products Related to NBP1-76751**

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NBP1-76751PEP	BANF1 Antibody Blocking Peptide
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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