

# Product Datasheet

## BNIP3 Antibody NB100-56150

Unit Size: 0.05 ml

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

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**NB100-56150**

## BNIP3 Antibody

Product Information	
Unit Size	0.05 ml
Concentration	This product is unpurified. The exact concentration of antibody is not quantifiable.
Storage	Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.
Clonality	Polyclonal
Preservative	0.05% Sodium Azide
Isotype	IgG
Purity	Unpurified
Buffer	Whole antisera

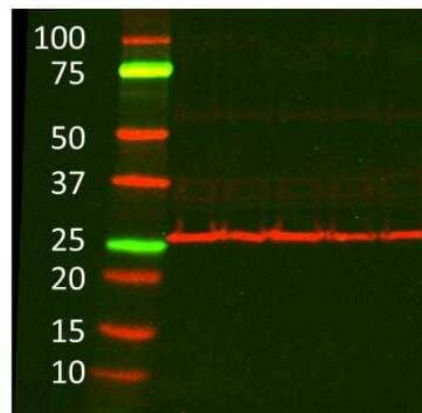
Product Description	
Host	Rabbit
Gene ID	664
Gene Symbol	BNIP3
Species	Human, Rat, Porcine, Chicken, Xenopus, Mouse (Negative)
Reactivity Notes	94% sequence identity with Canine protein. Does not work in mouse.
Immunogen	A synthetic peptide corresponding to amino acids 122-139 (SRPENIPPKEFLFKHPKR) of human NIP3 was used as immunogen; GenBank no. gi 7669481 ref NP_004043.2 .

Product Application Details	
Applications	Western Blot, Immunohistochemistry, Immunohistochemistry-Paraffin
Recommended Dilutions	Western Blot 1:1000-1:2000, Immunohistochemistry, Immunohistochemistry-Paraffin 1:1000-1:5000

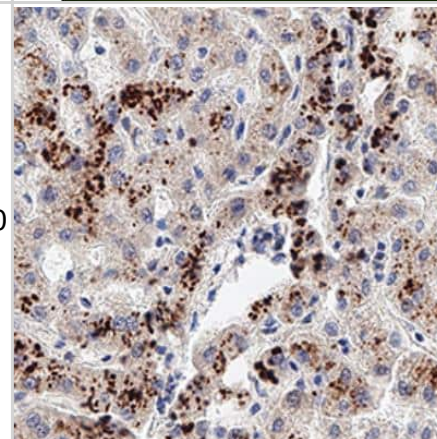


## Images

Western Blot: BNIP3 Antibody [NB100-56150] - BNIP3 expression in porcine whole skeletal muscle lysate. Image from verified customer review.



Immunohistochemistry-Paraffin: BNIP3 Antibody - Unpurified [NB100-56150] - BNIP3 Antibody [NB100-56150] - IHC analysis of formalin fixed paraffin-embedded (FFPE) human liver using BNIP3 antibody at 1:1000 on a Bond Rx autostainer (Leica Biosystems). The assay involved 20 minutes of heat induced antigen retrieval (HIER) using 10mM sodium citrate buffer (pH 6.0) and endogenous peroxidase quenching with peroxide block. The sections were incubated with primary antibody for 30 minutes and Bond Polymer Refine Detection (Leica Biosystems) with DAB was used for signal development followed by counterstaining with hematoxylin. Whole slide scanning and capturing of representative images was performed using Aperio AT2 (Leica Biosystems). Mitochondrial staining was observed. Staining was performed by Histowiz.



## Publications

Thomas A, Samykutty A, Gomez-Gutierrez JG et al. Actively Targeted Nanodelivery of Echinomycin Induces Autophagy-Mediated Death in Chemoresistant Pancreatic Cancer In Vivo Cancers (Basel) 2020-08-14 [PMID: 32823919] (WB, Human)



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### **Products Related to NB100-56150**

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NBL1-08014	BNIP3 Overexpression Lysate
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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