

BNIP-3 Rabbit mAb (AR1822)

Key Features

Host Species:	Rabbit
Reactivity:	Human,Mouse,Rat
Applications:	WB,IHC,IF,ELISA
Isotype:	IgG,Kappa
MW:	22kDa (Calculated) 22-28kDa,50-55kDa (Observed)

Recommended Dilution Ratios

WB:	1:2000-10000
IHC:	1:200-1000
IF:	1:200-1000
ELISA:	1:5000-20000

Storage

-15°C to -25°C/1 year (Do not lower than -25°C)

Basic Information

Clonality	Monoclonal
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Immunogen Information

Specificity	Endogenous
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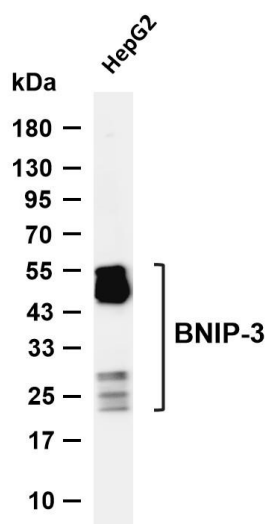
Target Information

Gene name	BNIP3
Protein Name	BCL2/adenovirus E1B 19 kDa protein-interacting protein 3

Organism	Gene ID	UniProt ID
Human	664	Q12983
Mouse		O55003

Cellular Localization	Mitochondrion. Mitochondrion outer membrane; Single-pass membrane protein. Coexpression with the E1B 19-kDa protein results in a shift in NIP3 localization pattern to the nuclear envelope. Colocalizes with ACAA2 in the mitochondria. Colocalizes with SPATA18 at the mitochondrion outer membrane.
Tissue specificity	B-cell, Brain, Cerebellum, Kidney, Testis

Validation Data

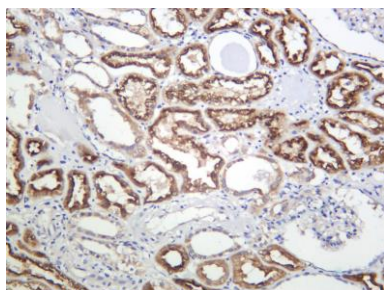


Various whole cell lysates were separated by 4-20% SDS-PAGE, and the membrane was blotted with anti-BNIP-3 antibody. The HRP conjugated Goat anti-Rabbit IgG (H + L) antibody was used to detect the antibody.

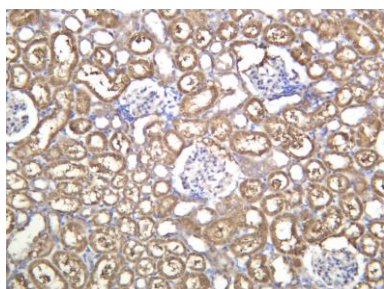
Lane 1: HepG2

Predicted band size: 22kDa

Observed band size: 22-28 kDa, 50-55kDa



Human kidney was stained with anti-BNIP-3 Rabbit antibody.



Rat kidney was stained with anti-BNIP-3 Rabbit antibody.

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