BOSTER BIOLOGICAL TECHNOLOGY
3942 B Valley Ave, Pleasanton, CA 94566
888-466-3604 | support@bosterbio.com | www.bosterbio.com

Anti-Bnip3L Antibody

Catalog Number: A03107

About BNIP3L

Members in the Bcl-2 family are critical regulators of apoptosis by either inhibiting or promoting cell death. Bcl-2 homology 3 (BH3) domain is a potent death domain. BH3 domain containing pro-apoptotic proteins, including Bad, Bax, Bid, Bik, Hrk, Nip3, and Bim, form a growing subclass of the Bcl-2 family. A novel BH3 domain containing protein was recently identified and designated Bnip3L, Bnip3alpha, and Nix (for Nip3-like protein X). Bnip3L/Bnip3alpha/Nix is a homolog of the E1B 19K/Bcl-2 binding and pro-apoptotic protein Bnip3. Overexpression of Bnip3L induces apoptosis. Bnip3L interacts with and overcomes suppresses by Bcl-2 and Bcl-xL. Bnip3L is localized in mitochondria. The messenger RNA of Bnip3L is ubiquitously expressed in human tissues. Bnip3L and Bnip3 form a new subfamily of the pro-apoptotic mitochondrial proteins.

Submit a product review to Biocompare.com



Submit a review of this product to Biocompare.com to receive a $20 Amazon.com giftcard! Your reviews help your fellow scientists make the right decisions. Thank you for your contribution.

Overview

Product Name	Anti-Bnip3L Antibody
Reactive Species	Human
Description	Boster Bio Anti-Bnip3L Antibody (Catalog # A03107). Tested in ELISA, WB, IHC-P, IF applications. This antibody reacts with Human.
Application	ELISA, IF, IHC-P, WB
Clonality	Polyclonal
Formulation	Bnip3L Antibody is supplied in PBS containing ≤0.09% sodium azide.
Storage Instructions	Bnip3L antibody can be stored at 4°C, stable for up to one year. Avoid repeated freeze-thaw cycles. Antibodies should not be exposed to prolonged high temperatures.
Host	Rabbit
Uniprot ID	O60238

Technical Details

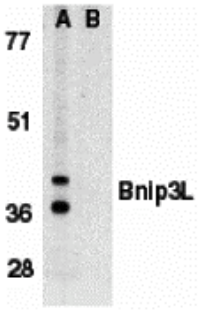
Immunogen	Bnip3L antibody was raised against a 16 amino acid peptide near the center of human Bnip3L. The immunogen is located within amino acids 60 - 110 of Bnip3L.
Predicted Reactive Species	Bovine, Mouse

BOSTER BIOLOGICAL TECHNOLOGY
3942 B Valley Ave, Pleasanton, CA 94566
888-466-3604 | support@bosterbio.com | www.bosterbio.com

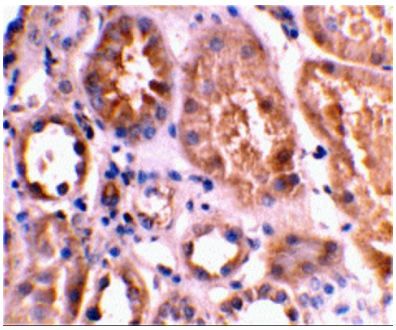
Cross Reactivity	At least two isoforms of Bnip3L are known to exist.
Isotype	IgG
Form	Liquid
Concentration	1 mg/mL
Purification	Bnip3L Antibody is affinity chromatography purified via peptide column.
Suggested Dilutions	Bnip3L antibody can be used for detection of Bnip3L by Western blot at 1 ug/mL. Antibody can also be used for immunohistochemistry starting at 2 ug/mL. For immunofluorescence start at 10 ug/mL. Antibody validated: Western Blot in human samples; Immunohistochemistry in human samples and Immunofluorescence in human samples. All other applications and species not yet tested. Optimal dilutions for each application should be determined by the researcher.

BOSTER BIOLOGICAL TECHNOLOGY
3942 B Valley Ave, Pleasanton, CA 94566
888-466-3604 | support@bosterbio.com | www.bosterbio.com

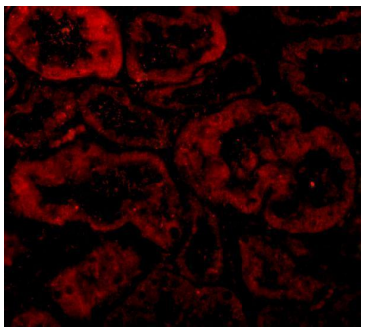
Anti-Bnip3L Antibody (A03107) Images



Western blot analysis of Bnip3L in K562 whole cell lysate in (A) the absence, or (B) presence of immunogenic peptide with Bnip3L antibody at 1 ug/mL.



Immunohistochemical staining of human kidney tissue using Bnip3L antibody at 2 ug/mL.



Immunofluorescence of Bnip3L in Human Kidney tissue with Bnip3L antibody at 10 ug/mL.

Anti-Bnip3L Antibody

For Research Use Only. Not for use in diagnostic procedures.