

## Rabbit NIX Polyclonal Antibody | anti-BNIP3L antibody

NIX Antibody (Center)

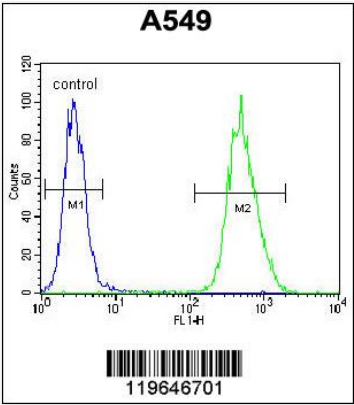
| CATALOG # | HOST   | REACTIVITY                                  | APPLICATIONS                                                                                    |
|-----------|--------|---------------------------------------------|-------------------------------------------------------------------------------------------------|
| AAA286414 | Rabbit | Human (Predicted Reactivity: Bovine, Mouse) | Flow Cytometry, Functional Assay, Western Blot, Immunofluorescence, Immunohistochemistry, ELISA |

### PRODUCT SYNONYMS

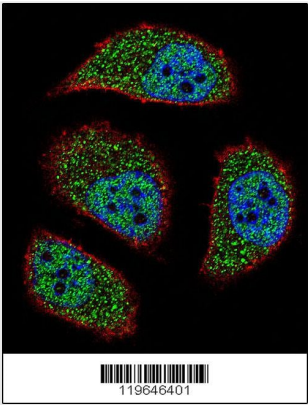
NIX; Polyclonal Antibody; NIX Antibody (Center); BCL2/adenovirus E1B 19 kDa protein-interacting protein 3-like; Adenovirus E1B19K-binding protein B5; BCL2/adenovirus E1B 19 kDa protein-interacting protein 3A; NIP3-like protein X; NIP3L; BNIP3L; BNIP3A; BNIP3H; anti-BNIP3L antibody

### PRODUCT SPECIFICATIONS

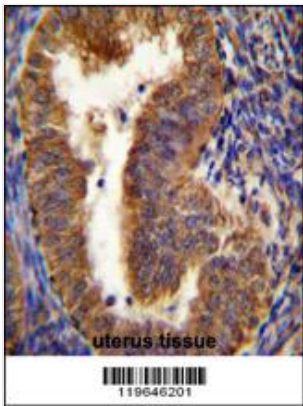
|                                                  |                                                                                                                                                                              |
|--------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Host                                             | Rabbit                                                                                                                                                                       |
| Reactivity                                       | Human (Predicted Reactivity: Bovine, Mouse)                                                                                                                                  |
| Clonality                                        | Polyclonal                                                                                                                                                                   |
| Isotype                                          | Rabbit Ig                                                                                                                                                                    |
| Specificity                                      | This NIX antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 52-81 amino acids from the Central region of human NIX.                |
| Purity/Purification                              | Peptide Affinity Purified Rabbit Polyclonal Antibody (Pab)                                                                                                                   |
| Form/Format                                      | Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is purified through a protein A column, followed by peptide affinity purification. |
| Concentration                                    | Vial Concentration: 0.5 (varies by lot)                                                                                                                                      |
| Sequence Positions                               | 52-81                                                                                                                                                                        |
| Sequence Length                                  | 219                                                                                                                                                                          |
| Applicable Applications for anti-BNIP3L antibody | FCM/FACS (Flow Cytometry), WB (Western Blot), IF (Immunofluorescence), IHC (Immunohistochemistry), ELISA                                                                     |
| Antigen Type                                     | Synthetic Peptide                                                                                                                                                            |
| Antigen Source                                   | HUMAN                                                                                                                                                                        |
| Preparation and Storage                          | Maintain refrigerated at 2-8 degree C for up to 6 months. For long term storage store at -20 degree C in small aliquots to prevent freeze-thaw cycles.                       |



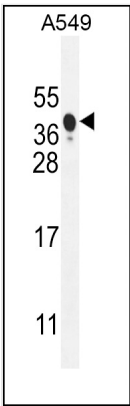
**FCM/FACS (Flow Cytometry)**  
NIX Antibody (Center) flow cytometric analysis of A549 cells (right histogram) compared to a negative control cell (left histogram).FITC-conjugated goat-anti-rabbit secondary antibodies were used for the analysis.



**IF (Immunofluorescence)**  
Confocal immunofluorescent analysis of NIX Antibody (Center) with A549 cell followed by Alexa Fluor<sup>®</sup> 488-conjugated goat anti-rabbit IgG (green).Actin filaments have been labeled with Alexa Fluor 555 phalloidin (red). DAPI was used to stain the cell nuclear (blue).



**IHC (Immunohistochemistry)**  
NIX Antibody (Center) immunohistochemistry analysis in formalin fixed and paraffin embedded human uterus tissue followed by peroxidase conjugation of the secondary antibody and DAB staining.This data demonstrates the use of NIX Antibody (Center) for immunohistochemistry. Clinical relevance has not been evaluated.



**WB (Western Blot)**  
NIX Antibody (Center) western blot analysis in A549 cell line lysates (35ug/lane).This demonstrates the NIX antibody detected the NIX protein (arrow).

ADDITIONAL INFORMATION

|                                                      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
|------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Related Product Information for anti-BNIP3L antibody | This gene is a member of the BCL2/adenovirus E1B 19 kd-interacting protein (BNIP) family. It interacts with the E1B 19 kDa protein which is responsible for the protection of virally-induced cell death, as well as E1B 19 kDa-like sequences of BCL2, also an apoptotic protector. The protein encoded by this gene is a functional homolog of BNIP3, a proapoptotic protein. This protein may function simultaneously with BNIP3 and may play a role in tumor suppression. |
| Product Categories/Family for anti-BNIP3L antibody   | Cancer; Cardiovascular; Cell Biology; Metabolism                                                                                                                                                                                                                                                                                                                                                                                                                              |
| References                                           | Novak, I., et al. EMBO Rep. 11(1):45-51(2010)<br>Bellot, G., et al. Mol. Cell. Biol. 29(10):2570-2581(2009)<br>Wang, L., et al. Cancer Epidemiol. Biomarkers Prev. 17(12):3558-3566(2008)<br>Papandreou, I., et al. Cell Death Differ. 15(10):1572-1581(2008)<br>Liu, W., et al. Neoplasia 10(8):897-907(2008)                                                                                                                                                                |

NCBI AND UNIPROT INFORMATION

|           |         |
|-----------|---------|
| NCBI GI # | 4757860 |
|-----------|---------|

|                                  |                                                               |
|----------------------------------|---------------------------------------------------------------|
| NCBI GeneID                      | 665                                                           |
| NCBI Accession #                 | NP_004322.1                                                   |
| NCBI GenBank Nucleotide #        | NM_004331.2                                                   |
| UniProt Accession #              | O60238; Q5JW63; Q8NF87; B0AZS9                                |
| Molecular Weight                 | 23930                                                         |
| NCBI Official Full Name          | BCL2/adenovirus E1B 19 kDa protein-interacting protein 3-like |
| NCBI Official Synonym Full Names | BCL2/adenovirus E1B 19kDa interacting protein 3-like          |
| NCBI Official Symbol             | BNIP3L                                                        |
| NCBI Official Synonym Symbols    | NIX; BNIP3a                                                   |
| NCBI Protein Information         | BCL2/adenovirus E1B 19 kDa protein-interacting protein 3-like |
| UniProt Protein Name             | BCL2/adenovirus E1B 19 kDa protein-interacting protein 3-like |
| UniProt Gene Name                | <b>BNIP3L</b>                                                 |
| UniProt Synonym Gene Names       | BNIP3A; BNIP3H; NIX; NIP3L                                    |
| UniProt Entry Name               | BNIP3L_HUMAN                                                  |

**For Research Use Only.** Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | [contact@aaabiotech.com](mailto:contact@aaabiotech.com)

Online datasheet: <https://stage.aaabiotech.com/polyclonal/nix-antibody-flow-cytometry-western-blot-immunofluorescence-immunohistochemistry-elisa/286414>