

Datasheet for ABIN950671
anti-BNIP3L/NIX antibody (Middle Region)[Go to Product page](#)

4 Images

Overview

Quantity:	0.4 mL
Target:	BNIP3L/NIX (BNIP3L)
Binding Specificity:	AA 59-89, Middle Region
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Application:	Western Blotting (WB), Immunofluorescence (IF), Flow Cytometry (FACS), Immunohistochemistry (Paraffin-embedded Sections) (IHC (p)), Enzyme Immunoassay (EIA)

Product Details

Immunogen:	KLH conjugated synthetic peptide between 59-89 amino acids from the Central region of human BNIP3L / BNIP3A
Isotype:	Ig Fraction
Specificity:	This antibody recognizes Human BNIP3L / BNIP3A (Center).
Purification:	Protein A column, followed by peptide affinity purification

Target Details

Target:	BNIP3L/NIX (BNIP3L)
Alternative Name:	BNIP3L / BNIP3A (BNIP3L Products)
Background:	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

Target Details

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. Synonyms: Adenovirus E1B19K-binding protein B5, BCL2/adenovirus E1B 19 kDa protein-interacting protein 3-like, BCL2/adenovirus E1B 19 kDa protein-interacting protein 3A, BNIP3H, NIP3-like protein X, NIX

Molecular Weight: 23930 Da

Gene ID: 665

NCBI Accession: [NP_004322](#)

Pathways: [Autophagy](#)

Application Details

Application Notes: Optimal working dilution should be determined by the investigator.

Restrictions: For Research Use only

Handling

Format: Liquid

Concentration: 0.25 mg/mL

Buffer: PBS containing 0.09 % (W/V) Sodium Azide as preservative

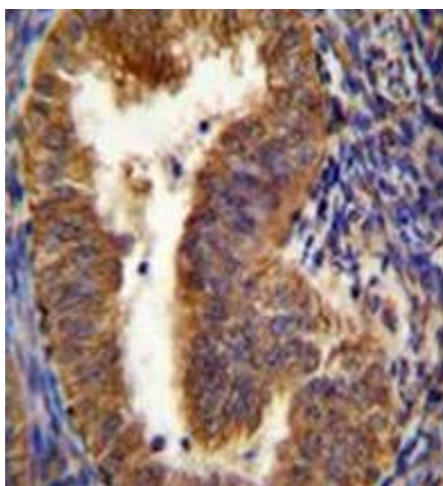
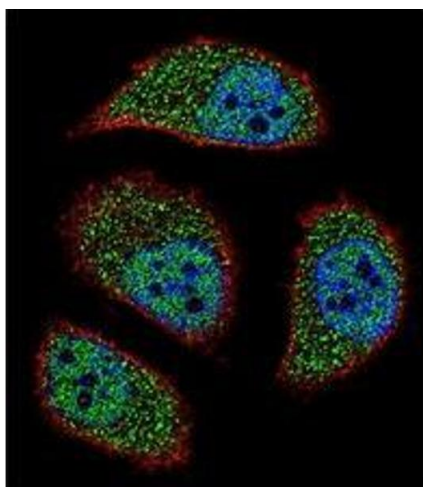
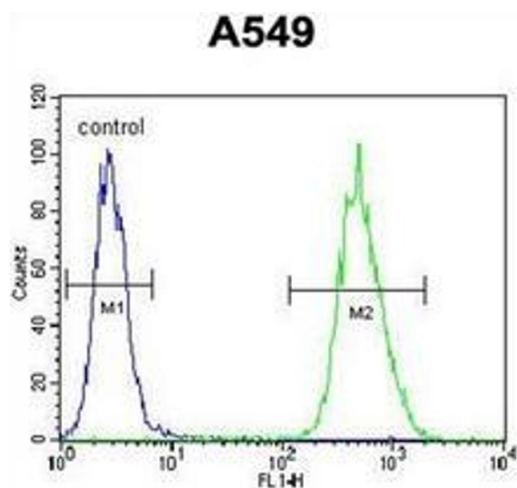
Preservative: Sodium azide

Precaution of Use: This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Handling Advice: Avoid repeated freezing and thawing.

Storage: 4 °C/-20 °C

Storage Comment: Store undiluted at 2-8 °C for one month or (in aliquots) at -20 °C for longer.



Flow Cytometry

Image 1. Flow cytometric analysis of A549 cells using BNIP3L / BNIP3A Antibody (Center) Cat.-No AP52881PU-N (right histogram) compared to a negative control cell (left histogram). FITC-conjugated goat-anti-rabbit secondary antibodies were used for the analysis.

Immunofluorescence

Image 2. Confocal immunofluorescent analysis of BNIP3L / BNIP3A Antibody (Center) Cat.-No AP52881PU-N with A549 cell followed by Alexa Fluor®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).

Immunohistochemistry (Paraffin-embedded Sections)

Image 3. Immunohistochemistry analysis in formalin fixed and paraffin embedded human uterus tissue reacted with BNIP3L / BNIP3A Antibody (Center) followed which was followed by peroxidase conjugated to the secondary antibody and DAB staining.

Please check the [product details page](#) for more images. Overall 4 images are available for ABIN950671.