

Product datasheet for **AP52881PU-N**

BNIP3L (Center) Rabbit Polyclonal Antibody

Product data:

Product Type:	Primary Antibodies
Applications:	FC, IF, IHC, WB
Recommended Dilution:	Peptide ELISA: 1/1000. Western Blot: 1/1000. Flow Cytometry: 1/10-1/50. Immunofluorescence: 1/10-1/50. Immunohistochemistry on Paraffin Sections: 1/50-1/100.
Reactivity:	Human
Host:	Rabbit
Isotype:	Ig
Clonality:	Polyclonal
Immunogen:	KLH conjugated synthetic peptide between 52-81 amino acids from the Central region of human BNIP3L / BNIP3A
Specificity:	This antibody recognizes Human BNIP3L / BNIP3A (Center).
Formulation:	PBS containing 0.09% (W/V) Sodium Azide as preservative State: Aff - Purified State: Liquid purified Ig fraction
Concentration:	lot specific
Purification:	Protein A column, followed by peptide affinity purification
Conjugation:	Unconjugated
Storage:	Store undiluted at 2-8°C for one month or (in aliquots) at -20°C for longer. Avoid repeated freezing and thawing.
Stability:	Shelf life: one year from despatch.
Gene Name:	BCL2/adenovirus E1B 19kDa interacting protein 3-like
Database Link:	Entrez Gene 665 Human O60238



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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 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:

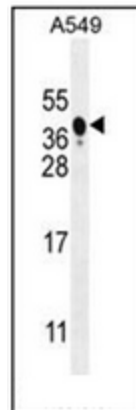
BNIP3H, NIX

Note:

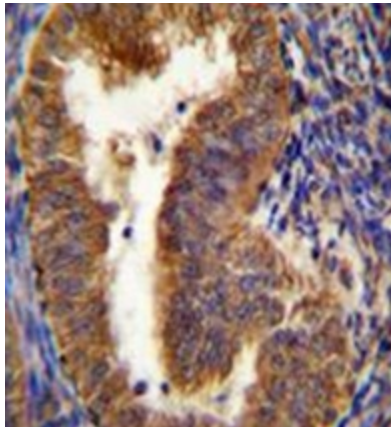
Molecular Weight: 23930 Da

Protein Families:

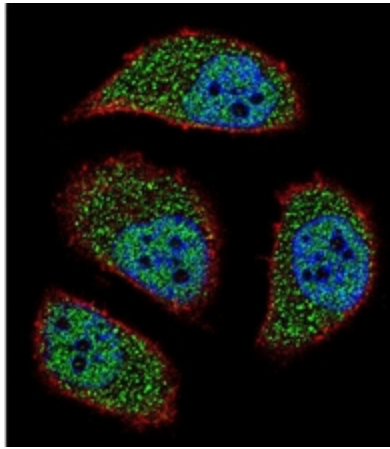
Druggable Genome, Transmembrane

Product images:


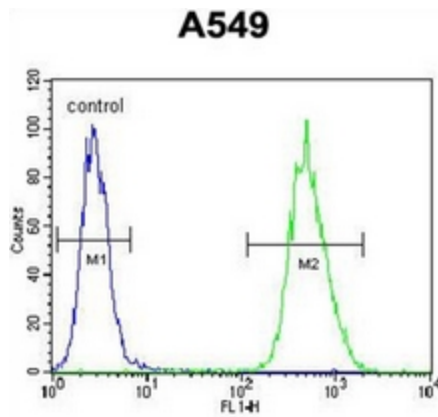
Western blot analysis of BNIP3L / BNIP3A Antibody (Center) in A549 cell line lysates (35ug/lane).



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



Confocal immunofluorescent analysis of BNIP3L / BNIP3A Antibody (Center) 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).



Flow cytometric analysis of A549 cells using BNIP3L / BNIP3A Antibody (Center) (right histogram) compared to a negative control cell (left histogram). FITC-conjugated goat-anti-rabbit secondary antibodies were used for the analysis.