



Rabbit Anti-Human BNIP3L polyclonal antibody (CABT-L1703)

This product is for research use only and is not intended for diagnostic use.

PRODUCT INFORMATION

Specificity	This antibody may react with (Predicted by homology) : Bovine, Dog, Mouse, Rat
Target	BNIP3L
Immunogen	Synthetic peptide corresponding to internal region of human BNIP3L protein.
Isotype	IgG
Source/Host	Rabbit
Species Reactivity	Human
Purification	Immunoaffinity purified
Conjugate	Unconjugated
Applications	IHC-P
Molecular Weight	40 kDa
Cellular Localization	Cytoplasm
Positive Control	Breast Carcinoma
Format	Liquid
Buffer	PBS, 1% BSA, pH 7.6
Preservative	< 0.1% Sodium Azide
Storage	2-8°C. Do not freeze. The user must validate any other storage conditions. When properly

stored, the reagent is stable to the date indicated on the label. Do not use the reagent beyond the expiration date.

BACKGROUND

Introduction

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, Bnip3, and NIX (for NIP3-like protein X) . Bnip3L/Bnip3/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 suppression 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.

Keywords

BNIP3L;BCL2/adenovirus E1B 19kDa interacting protein 3-like;NIX;BNIP3a;BCL2/adenovirus E1B 19 kDa protein-interacting protein 3-like;NIP3L;NIP3-like protein X;adenovirus E1B19k-binding protein B5;BCL2/adenovirus E1B 19-kd protein-interacting protein 3a;BCL2/adenovirus E1B 19 kDa protein-interacting protein 3A

GENE INFORMATION

Entrez Gene ID

[665](#)

UniProt ID

[O60238](#)
