

Datasheet for ABIN388111
anti-BNIP1 antibody (AA 92-127)[Go to Product page](#)

2 Images

Overview

Quantity:	400 µL
Target:	BNIP1
Binding Specificity:	AA 92-127
Reactivity:	Human, Mouse
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This BNIP1 antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (Paraffin-embedded Sections) (IHC (p))

Product Details

Immunogen:	This NIP1 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 92-127 amino acids from human NIP1.
Clone:	RB1274
Isotype:	Ig Fraction
Purification:	This antibody is prepared by Saturated Ammonium Sulfate (SAS) precipitation followed by dialysis against PBS.

Target Details

Target:	BNIP1
Alternative Name:	NIP1 (BNIP1 Products)

Target Details

Background: NIP1 (BNIP1) 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. Alternative splicing of this gene results in four products of unknown function. Transcript variant BNIP1 contains the entire coding region of the gene. This variant contains a fully conserved BH3 domain, which has been associated with pro-apoptotic function.

Molecular Weight: 26132

Gene ID: 662

NCBI Accession: [NP_001196](#), [NP_053581](#), [NP_053582](#), [NP_053583](#)

UniProt: [Q12981](#)

Application Details

Application Notes: WB: 1:1000. IHC-P: 1:50~100

Restrictions: For Research Use only

Handling

Format: Liquid

Buffer: Purified polyclonal antibody supplied in PBS with 0.09 % (W/V) sodium azide.

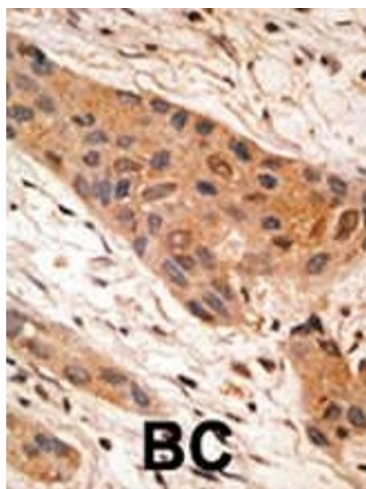
Preservative: Sodium azide

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

Storage: 4 °C, -20 °C

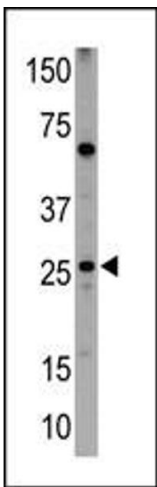
Storage Comment: Maintain refrigerated at 2-8 °C for up to 6 months. For long term storage store at -20 °C in small aliquots to prevent freeze-thaw cycles.

Expiry Date: 6 months



Immunohistochemistry (Paraffin-embedded Sections)

Image 1. Formalin-fixed and paraffin-embedded human cancer tissue reacted with the primary antibody, which was peroxidase-conjugated to the secondary antibody, followed by AEC staining. This data demonstrates the use of this antibody for immunohistochemistry, clinical relevance has not been evaluated. BC = breast carcinoma, HC = hepatocarcinoma.



Western Blotting

Image 2. Western blot analysis of anti-NIP1 BH3 Domain Pab (ABIN388133 and ABIN2846370) in HL60 cell lysates (35 µg/lane). NIP1 BH3 Domain (arrow) was detected using the purified Pab.