

Datasheet for ABIN356828  
**anti-BNIP3 antibody (BH3 Domain)**



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2 Images

## Overview

Quantity:	0.4 mL
Target:	BNIP3
Binding Specificity:	BH3 Domain
Reactivity:	Human, Mouse
Host:	Rabbit
Clonality:	Polyclonal
Application:	Western Blotting (WB), Immunohistochemistry (Paraffin-embedded Sections) (IHC (p)), Enzyme Immunoassay (EIA)

## Product Details

Immunogen:	This antibody was developed against a synthetic peptide selected from the central region (BH3 domain) of human NIP1.
Isotype:	Ig Fraction
Specificity:	This antibody is specific to NIP1 (BH3 Domain).
Purification:	Protein G Chromatography, eluted with high and low pH buffers and neutralized immediately, followed by dialysis against PBS.

## Target Details

Target:	BNIP3
Alternative Name:	NIP3 ( <a href="#">BNIP3 Products</a> )
Background:	NIP1 (BNIP1) is a member of the BCL2/adenovirus E1B 19 kd-interacting protein (BNIP) family.

## Target Details

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. Synonyms: BCL2/adenovirus E1B 19 kDa protein-interacting protein 3, BNIP3

Gene ID: 662, 9606

UniProt: [Q12983](#)

Pathways: [Autophagy](#), [Brown Fat Cell Differentiation](#)

## Application Details

Application Notes: ELISA: 1/1,000. Western blot: 1/100-1/500. Immunohistochemistry: 1/50-1/100.

Other applications not tested.

Optimal dilutions are dependent on conditions and should be determined by the user.

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 the antibody undiluted at 2-8 °C for one month or (in aliquots) at -20 °C for longer.

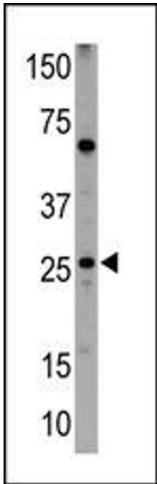


Image 1.

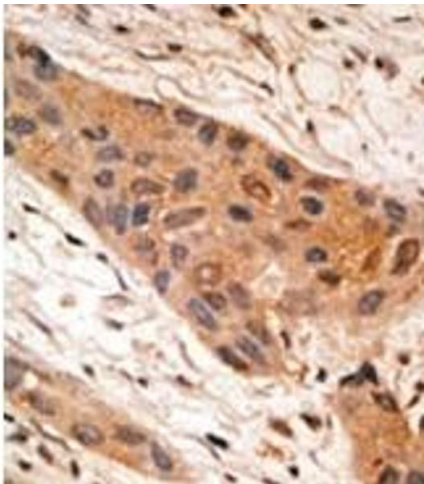


Image 2.