

Datasheet for ABIN2788101  
**anti-BNIP1 antibody (N-Term)**



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2 Images

## Overview

Quantity:	100 µL
Target:	BNIP1
Binding Specificity:	N-Term
Reactivity:	Human, Mouse, Rat, Cow, Dog, Rabbit, Horse, Guinea Pig, Zebrafish (Danio rerio)
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This BNIP1 antibody is un-conjugated
Application:	Western Blotting (WB)

## Product Details

Immunogen:	The immunogen is a synthetic peptide directed towards the N terminal region of human BNIP1
Sequence:	DFNSPTTPVT FSDLEQLAKE QDKESKQLL LQEVENHKKQ MLSNQASWRK
Predicted Reactivity:	Cow: 100%, Dog: 100%, Guinea Pig: 100%, Horse: 91%, Human: 100%, Mouse: 92%, Rabbit: 100%, Rat: 100%, Zebrafish: 75%
Characteristics:	This is a rabbit polyclonal antibody against BNIP1. It was validated on Western Blot.
Purification:	Affinity Purified

## Target Details

Target:	BNIP1
Alternative Name:	BNIP1 ( <a href="#">BNIP1 Products</a> )

## Target Details

**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.

Alternative splicing of this gene results in four protein products with identical N- and C-termini.

Alias Symbols: NIP1, SEC20, TRG-8

Protein Interaction Partner: RNF186, UBC, APP, RNF185, SQSTM1, STX18, BNIP1, NAPA, NCBP1, BCL2L1, BCL2,

Protein Size: 271

**Molecular Weight:** 30 kDa

**Gene ID:** 662

**NCBI Accession:** [NM\\_013979](#), [NP\\_053582](#)

## Application Details

**Application Notes:** Optimal working dilutions should be determined experimentally by the investigator.

**Comment:** Antigen size: 271 AA

**Restrictions:** For Research Use only

## Handling

**Format:** Liquid

**Concentration:** Lot specific

**Buffer:** Liquid. Purified antibody supplied in 1x PBS buffer with 0.09 % (w/v) sodium azide and 2 % sucrose.

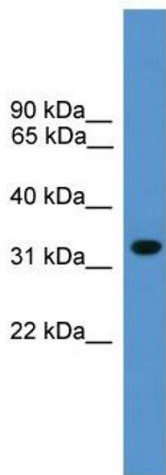
**Preservative:** Sodium azide

**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 freeze-thaw cycles.

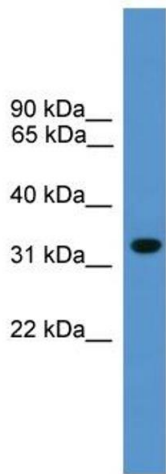
**Storage:** -20 °C

**Storage Comment:** For short term use, store at 2-8°C up to 1 week. For long term storage, store at -20°C in small aliquots to prevent freeze-thaw cycles.



**Western Blotting**

**Image 1. WB Suggested Anti-BNIP1 Antibody Titration:**  
0.2-1 ug/ml  
**ELISA Titer:** 1:312500  
**Positive Control:** Human Liver



Rabbit Anti-BNIP1 Antibody  
Catalog Number: ARP59522  
Lot Number: QC30484  
Lane: Fetal Liver Lysate  
  
Antibody Titration: 1.0µg/ml  
Gel Concentration: 12%

**Western Blotting**

**Image 2. WB Suggested Anti-BNIP1**  
Antibody Titration: 0.2-1 µg/mL ELISA Titer: 1::12500  
Positive Control: Human Liver