Datasheet for ABIN2788100

anti-BNIP1 antibody (C-Term)

2 Images

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Overview

Quantity:	100 µL
Target:	BNIP1
Binding Specificity:	C-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 C terminal region of human BNIP1
Sequence:	QSLVTSSRTI LDANEEFKSM SGTIQLGRKL ITKYNRRELT DKLLIFLALA
Predicted Reactivity:	Cow: 100%, Dog: 100%, Guinea Pig: 100%, Horse: 100%, Human: 100%, Mouse: 100%, Rabbit: 100%, Rat: 100%, Zebrafish: 93%
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 (BNIP1 Products)

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: 228
Molecular Weight:	26 kDa
Gene ID:	662
NCBI Accession:	NM_001205, NP_001196
UniProt:	Q12981

Application Details

Application Notes:	Optimal working dilutions should be determined experimentally by the investigator.
Comment:	Antigen size: 228 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.

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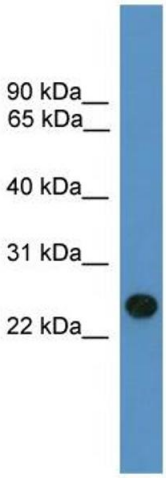
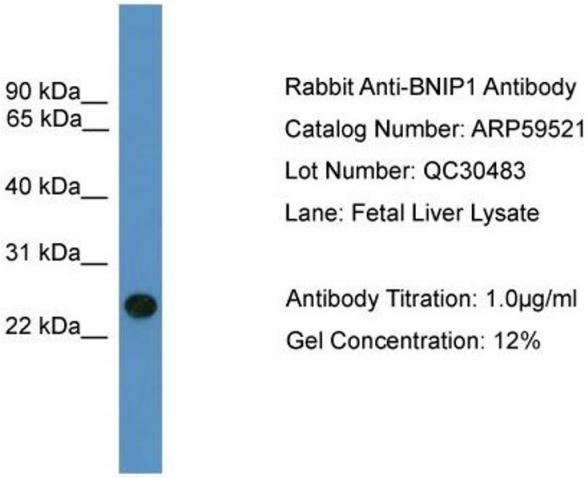


Western Blotting

Image 1. WB Suggested Anti-BNIP1 Antibody Titration: 0.2-1 ug/ml

ELISA Titer: 1:312500

Positive Control: Human Liver



Western Blotting

Image 2. WB Suggested Anti-BNIP1

Antibody Titration: 0.2-1 µg/mL ELISA Titer: 1:.12500

Positive Control: Human Liver