

Product datasheet

info@arigobio.com

ARG41827 anti-BNIP1 antibody

Package: 100 μl Store at: -20°C

Summary

Target Name

Product Description Rabbit Polyclonal antibody recognizes BNIP1

Tested Reactivity Hu, Ms, Rat

Tested Application IHC-P, WB

Host Rabbit

Clonality Polyclonal

Isotype IgG

Species Human

Immunogen Synthetic peptide of Human BNIP1.

BNIP1

Conjugation Un-conjugated

Alternate Names Transformation-related gene 8 protein; BCL2/adenovirus E1B 19 kDa protein-interacting protein 1;

TRG-8; Vesicle transport protein SEC20; SEC20; NIP1

Application Instructions

HC-P 1:50 - 1:200 WB 1:500 - 1:2000 Application Note * The dilutions indicate recommended starting dilutions and the optimal dilutions or concentrations should be determined by the scientist. Positive Control Jurkat Observed Size ~ 26 kDa	Application table	Application	Dilution
Application Note * The dilutions indicate recommended starting dilutions and the optimal dilutions or concentrations should be determined by the scientist. Positive Control Jurkat		IHC-P	1:50 - 1:200
should be determined by the scientist. Positive Control Jurkat		WB	1:500 - 1:2000
	Application Note		
Observed Size ~ 26 kDa	Positive Control	Jurkat	
	Observed Size	~ 26 kDa	

Properties

Form Liquid

Purification Affinity purified.

Buffer PBS (pH 7.4), 150 mM NaCl, 0.02% Sodium azide and 50% Glycerol.

Preservative 0.02% Sodium azide

Stabilizer 50% Glycerol

Storage instruction For continuous use, store undiluted antibody at 2-8°C for up to a week. For long-term storage, aliquot

and store at -20°C. Storage in frost free freezers is not recommended. Avoid repeated freeze/thaw cycles. Suggest spin the vial prior to opening. The antibody solution should be gently mixed before use.

Note For laboratory research only, not for drug, diagnostic or other use.

Bioinformation

Gene Symbol BNIP1

Gene Full Name BCL2/adenovirus E1B 19kDa interacting protein 1

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 protects cells from virally-induced cell death. The encoded protein also interacts with E1B 19 kDa-like sequences of BCL2, another apoptotic protector. In addition, this protein is involved in vesicle transport into the endoplasmic reticulum. Alternative splicing of this gene

results in four protein products with identical N- and C-termini. [provided by RefSeq, Mar 2011]

Function SNARE that may be involved in targeting and fusion of Golgi-derived retrograde transport vesicles with

the ER. Required for maintenance of ER network. Implicated in the suppression of cell death. May be

involved in mitochondrial autophagy. [UniProt]

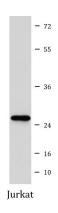
Calculated Mw 26 kDa

PTM 'Lys-63'-linked polyubiquitination by RNF185 allows recruiting of autophagy receptor SQSTM1, which

simultaneously binds both ubiquitin and LC3 to link ubiquitination and autophagy. [UniProt]

Cellular Localization Mitochondrion. Endoplasmic reticulum membrane; Single-pass type IV membrane protein. [UniProt]

Images



ARG41827 anti-BNIP1 antibody WB image

Western blot: Jurkat cell lysate stained with ARG41827 anti-BNIP1 antibody.