

DATASHEET

BNIP1 Rabbit Monoclonal Antibody(C1626)

CAT. NO. AMA01238

KEY FEATURES

Target	BNIP1	Source / Host	Rabbit
Reactivity	Human, Mouse, Rat	Clonality	Monoclonal
Applications	WB	Conjugation	Unconjugated
Form / Buffer	Liquid in PBS, pH 7.4, containing 50% glycerol, 0.2% BSA and 0.01% sodium azide.	Storage	at-20°C

BACKGROUND

As part of a SNARE complex may be involved in endoplasmic reticulum membranes fusion and be required for the maintenance of endoplasmic reticulum organization . Also plays a role in apoptosis . It is for instance required for endoplasmic reticulum stress-induced apoptosis . As a substrate of RNF185 interacting with SQSTM1, might also be involved in mitochondrial autophagy (Probable).

APPLICATION

To ensure optimal assay performance, AREX recommends conducting reagent titration tailored to each testing system for optimal detection results.

WB	1:500 - 1:1000
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*Results are sample-specific. Please refer to your local assay conditions and test parameters for reference.

PRODUCT OVERVIEW

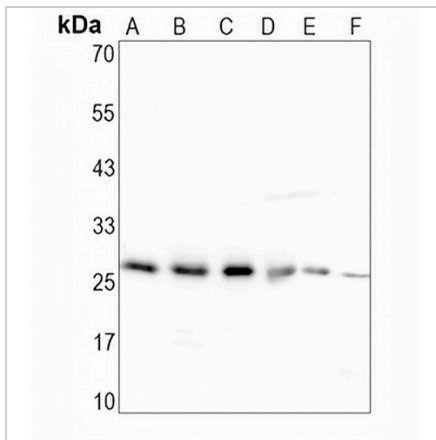
Description	Recombinant rabbit monoclonal antibody to BNIP1
Specificity	Recognizes endogenous levels of BNIP1 protein
Antibody Type	Primary antibody, Recombinant
Immunogen	KLH-conjugated synthetic peptide encompassing a sequence within human BNIP1. The exact sequence is proprietary.
Purification	The antibody was purified by immunogen affinity chromatography.
Molecular Weight	Predicted: 26 kD; Observed: 26 kD
Form/Buffer	Liquid in PBS, pH 7.4, containing 50% glycerol, 0.2% BSA and 0.01% sodium azide.
Alternative Names	NIP1; SEC20L; Vesicle transport protein SEC20; BCL2/adenovirus E1B 19 kDa protein-interacting protein 1; Transformation-related gene 8 protein; TRG-8
Gene Symbol	BNIP1
Entrez Gene	662(Human); 224630(Mouse); 140932(Rat)
SwissProt	Q12981(Human); Q6QD59(Mouse); Q8VHI8(Rat)

*AREX continuously optimizes our products. Webpage content may not reflect the latest updates. For inquiries, please contact info@arexbio.com or your local distributor.

*Clone Number, Reactivity, Source/Host and Clonality can be found in the product name and Key Features section above.

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DATA

Western blot analysis of BNIP1 expression in H1792 (A), LO2 (B), A2780 (C), mouse liver (D), rat liver (E), rat kidney (F) whole cell lysates. (Predicted band size: 26 kD; Observed band size: 26 kD)

STORAGE

Store at 4°C short term. For long term storage, store at -20°C, avoiding freeze/thaw cycles.

NOTE

For Research Use Only. Not for diagnostic, therapeutics, prophylactic or in vivo use.