

Datasheet for ABIN7265869
anti-BNIP3 antibody (AA 1-140)



[Go to Product page](#)

Overview

Quantity:	100 µL
Target:	BNIP3
Binding Specificity:	AA 1-140
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This BNIP3 antibody is un-conjugated
Application:	Immunofluorescence (IF)

Product Details

Purpose:	BNIP3 Rabbit pAb
Immunogen:	Recombinant fusion protein containing a sequence corresponding to amino acids 1-140 of human BNIP3 (NP_004043.3).
Sequence:	MGDAAADPPG PALPCEFLRP GCGAPLSPGA QLGRGAP TSA FPPPAEAHP AARRGLRSPQ LP SGAMSQNG APGMQEESLQ GSWVELHFSN NGNGGSPAS VSIYNGDMEK ILLDAQHESG RSSSKSSHCD SPPRSQTPQD
Isotype:	IgG
Cross-Reactivity:	Human
Characteristics:	Polyclonal Antibodies
Purification:	Affinity purification

Target Details

Target:	BNIP3
Alternative Name:	BNIP3 (BNIP3 Products)
Background:	This gene is encodes a mitochondrial protein that contains a BH3 domain and acts as a pro-apoptotic factor. The encoded protein interacts with anti-apoptotic proteins, including the E1B 19 kDa protein and Bcl2. This gene is silenced in tumors by DNA methylation.,BNIP3,NIP3,Cancer,Cell Biology & Developmental Biology,Apoptosis,Autophagy,Endocrine & Metabolism,Mitochondrial metabolism,Mitochondrial markers,Cardiovascular,Hypoxia,Heart,Mitochondrial Control of Autophagy,BNIP3
Molecular Weight:	27kDa
Gene ID:	664
UniProt:	Q12983
Pathways:	Autophagy , Brown Fat Cell Differentiation

Application Details

Application Notes:	IF,1:50 - 1:200
Restrictions:	For Research Use only

Handling

Format:	Liquid
Buffer:	PBS with 0.02 % sodium azide,50 % glycerol, pH 7.3.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	-20 °C
Storage Comment:	Store at -20°C. Avoid freeze / thaw cycles.