Product Datasheet

BNIP3 antibody

Catalog No: #38681

Package Size: #38681-1 50ul #38681-2 100ul

Orders: order@signalwayantibody.com
Support: tech@signalwayantibody.com

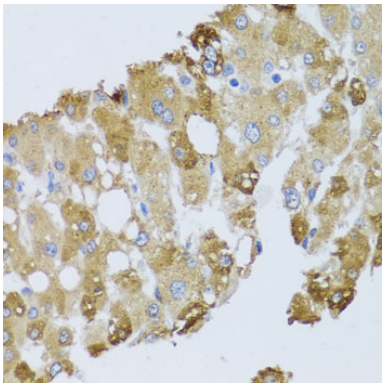
Description

Product Name	BNIP3 antibody
Host Species	Rabbit
Clonality	Polyclonal
Purification	Antibodies were purified by affinity purification using immunogen.
Applications	WB,IHC,IF
Species Reactivity	Human,Mouse,Rat
Specificity	The antibody detects endogenous level of total BNIP3 protein.
Immunogen Type	Recombinant Protein
Immunogen Description	Recombinant protein of human BNIP3.
Target Name	BNIP3
Other Names	NIP3;
Accession No.	Swiss-Prot#: Q12983NCBI Gene ID: 664
Uniprot	Q12983
GeneID	664;
SDS-PAGE MW	21kd
Concentration	1.0mg/ml
Formulation	Supplied at 1.0mg/mL in phosphate buffered saline (without Mg2+ and Ca2+), pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Storage	Store at -20°C

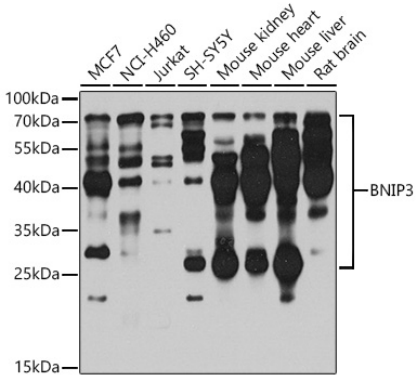
Application Details

WB□1:500 - 1:2000IHC□1:50 - 1:200IF□1:50 - 1:200

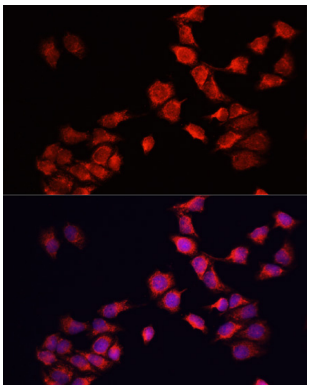
Images



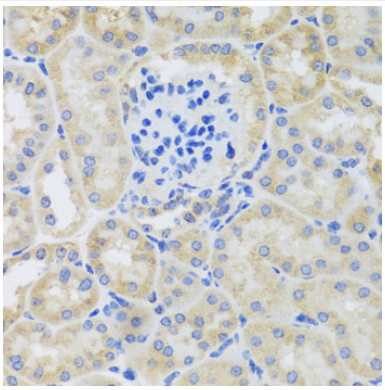
Immunohistochemistry of paraffin-embedded human liver damage using BNIP3 at dilution of 1:100 (40x lens).



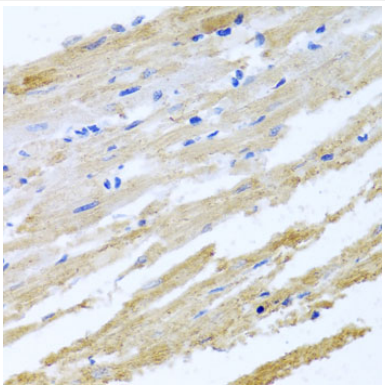
Western blot analysis of extracts of various cell lines, using BNIP3 at 1:1000 dilution.



Immunofluorescence analysis of HeLa cells using BNIP3 at dilution of 1:100. Blue: DAPI for nuclear staining.



Immunohistochemistry of paraffin-embedded mouse kidney using BNIP3 at dilution of 1:100 (40x lens).



Immunohistochemistry of paraffin-embedded rat heart using BNIP3 at dilution of 1:100 (40x lens).

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. This protein contains a BH3 domain and a transmembrane domain, which have been associated with pro-apoptotic function. The dimeric mitochondrial protein encoded by this gene is known to induce apoptosis, even in the presence of BCL2.

Note: This product is for in vitro research use only