

À des fins de recherche uniquement

Anticorps Monoclonal anti-BNIP3

Numéro de catalogue: 68091-1-Ig **11 Publications**



Informations de base

Numéro de catalogue: 68091-1-Ig	Numéro d'acquisition GenBank: BC009342	Méthode de purification: Purification par protéine A
Taille: 150ul , Concentration: 1000 µg/ml by Nanodrop;	Identification du gène (NCBI): 664	CloneNo.: 2H7D8
Hôte: Mouse	Nom complet: BCL2/adenovirus E1B 19kDa interacting protein 3	Dilutions recommandées: WB 1:5000-1:50000 IF 1:200-1:800
Isotype: IgG2b	MW calculé: 194 aa, 22 kDa	
Immunogen Catalog Number: AG27935	MW observés: 25-30,50-60 kDa	

Applications

Applications testées:

IF, WB, ELISA

Demandes citées:

IHC, WB

Spécificité de l'espèce:

Humain, souris

Espèces citées:

Humain, souris

Contrôles positifs:

WB : cellules HepG2, cellules HSC-T6, cellules LNCaP, cellules NIH/3T3

IF : cellules HepG2 traitées au chlorure de cobalt,

Informations générales

BNIP3 (BCL2 interacting protein 3) is a member of the Bcl-2 family that is expressed in mitochondria and induces apoptosis (PMID: 10891486). It can regulate the permeability state of outer mitochondrial member (OMM), this regulation is accompanied by the formation of homo- and hetero-oligomers inside the membrane. Hypoxia can lead to transcriptional activation of BNIP3 through HIF-1 α (PMID: 11559532). Its calculated molecule weight is 21.5 kDa. The antibody can detect bands around 25 and 50 kDa, representing monomeric and dimeric forms, respectively (PMID: 21364626). BNIP3 is related to the occurrence and development of tumors, cardiovascular diseases, and Parkinson's diseases.

Publications notables

Autrice	Pubmed ID	Journal	Application
Xudong Xie	36284303	Cell Commun Signal	WB,IHC
Wenshuo Zhang	36578780	Front Cell Dev Biol	WB
Mei-Fei Wu	36476627	Cell Biosci	WB

Stockage

Stockage:

Stocker à -20°C. Stable pendant un an après l'expédition.

Tampon de stockage:

PBS avec azoture de sodium à 0,02 % et glycérol à 50 % pH 7,3

L'aliquotage n'est pas nécessaire pour le stockage à -20C

*** Les 20ul contiennent 0,1% de BSA.

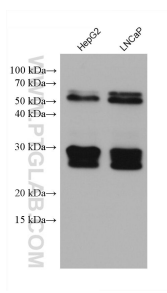
For technical support and original validation data for this product please contact:

T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)

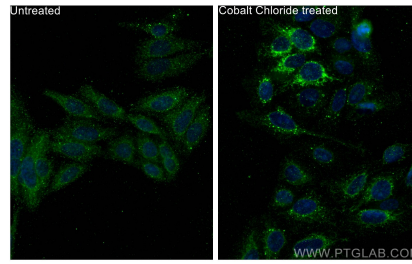
E: proteintech@ptglab.com
W: ptglab.com

This product is exclusively available under Proteintech Group brand and is not available to purchase from any other manufacturer.

Données de validation sélectionnées



Various lysates were subjected to SDS PAGE followed by western blot with 68091-1-Ig (BNIP3 antibody) at dilution of 1:10000 incubated at room temperature for 1.5 hours.



Immunofluorescent analysis of (-20°C Ethanol) fixed Cobalt Chloride treated HepG2 cells using BNIP3 antibody (68091-1-Ig, Clone: 2H7D8) at dilution of 1:400 and CoraLite®488-Conjugated AffiniPure Goat Anti-Mouse IgG(H+L).