À des fins de recherche uniquement

Anticorps Polyclonal de lapin anti-BNIP1

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Numéro de catalogue:15964-1-AP 3 Publications

Informations de base

Numéro de catalogue:
15964-1-AP

Taille:
150ul , Concentration: 400 μg/ml by Nanodrop and 207 μg/ml by Bradford method using BSA as the standard;

Hôte:
Lapin

Isotype:
IgG

Immunogen Catalog Number:
AG8737

Numéro d'acquisition GenBank:
BC010959

Identification du gène (NCBI):
662

Nom complet:
BCL2/adenovirus E1B 19kDa interacting protein 1

MW calculé
228 aa, 26 kDa

MW observés:
26 kDa

Méthode de purification:
Purification par affinité contre l'antigène

Dilutions recommandées:
WB 1:500-1:2000
IP 0.5-4.0 ug for IP and 1:500-1:1000 for WB
IHC 1:50-1:500

Applications

Applications testées:
IHC, IP, WB,ELISA

Demandes citées:
IF, IP, WB

Spécificité de l'espèce:
Humain, rat, souris

Espèces citées:
Humain

Remarque-IHC: il est suggéré de démasquer l'antigène avec un tampon de TE buffer pH 9.0; (*) À défaut, 'le démasquage de l'antigène peut être 'effectué avec un tampon citrate pH 6,0.

Contrôles positifs:

WB : cellules HeLa, tissu cérébral de rat, tissu de muscle squelettique de souris

IP : tissu cérébral de souris,

IHC : tissu cardiaque humain,

Informations générales

BNIP1 is a member of the BCL2/adenovirus E1B 19 kDa-interacting protein (BNIP) family. The encoded protein is predominantly localized to the endoplasmic reticulum (ER), is a pro-apoptotic Bcl-2 homology domain 3 (BH3)-only protein. BNIP1, also called SEC20L, is a component of a SNARE complex consisting of STX18, USE1L, BNIP1/SEC20L and SEC22B which is involved in apoptosis and ER membrane fusion. Recent reports showed that expression of BNIP1 induced mitochondrial fragmentation in a BH3 domain-dependent manner via increasing dynamin-related protein 1 (Drp1) expression. RNF185 is a mitochondrial ubiquitin E3 ligase that regulates selective mitochondrial autophagy, BNIP1 colocalizes with RNF185 at mitochondria and is polyubiquitinated by RNF185 through K63-based ubiquitin linkage in vivo and modulatemitochondrial homeostasis through autophagy.

Publications notables

Autrice	Pubmed ID	Journal	Application
Tang Fei F	21931693	PLoS One	WB,IF
Tess Holling	35266227	Hum Mutat	WB,IF
Wang Peng P	23896122	Cell Signal	WB,IP

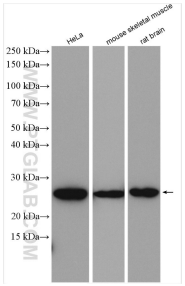
Stockage

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

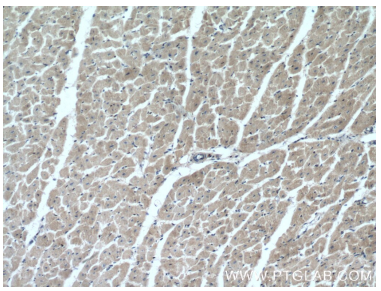
***** Les 20ul contiennent 0,1% de BSA.**

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

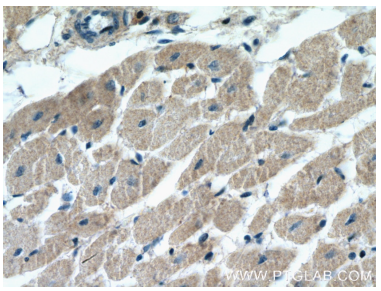
Données de validation sélectionnées



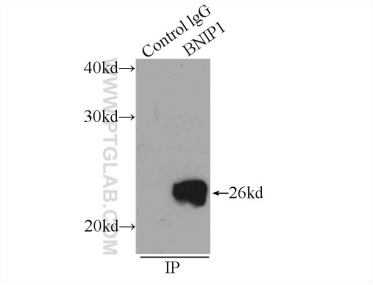
Various lysates were subjected to SDS PAGE followed by western blot with 15964-1-AP (BNIP1 antibody) at dilution of 1:1000 incubated at room temperature for 1.5 hours.



Immunohistochemical analysis of paraffin-embedded human heart tissue slide using 15964-1-AP (BNIP1 antibody) at dilution of 1:200 (under 10x lens).



Immunohistochemical analysis of paraffin-embedded human heart tissue slide using 15964-1-AP (BNIP1 antibody) at dilution of 1:200 (under 40x lens).



IP Result of anti-BNIP1 (IP:15964-1-AP, 3ug; Detection:15964-1-AP 1:500) with mouse brain tissue lysate 6000ug.