

À des fins de recherche uniquement

Anticorps Polyclonal de lapin anti-PUMA



Numéro de catalogue: 55120-1-AP

Phare

53 Publications

Informations de base

Numéro de catalogue:

55120-1-AP

Taille:

150ul , Concentration: 500 µg/ml by Nanodrop and 300 µg/ml by Bradford method using BSA as the standard;

Hôte:

Lapin

Isotype:

IgG

Numéro d'acquisition GenBank:

NM_014417

Identification du gène (NCBI):

27113

Nom complet:

BCL2 binding component 3

MW calculé

21 kDa

MW observés:

18-21 kDa

Méthode de purification:

Purification par affinité contre l'antigène

Dilutions recommandées:

WB 1:500-1:3000

IP 0.5-4.0 ug for IP and 1:500-1:1000 for WB

IHC 1:100-1:500

Applications

Applications testées:

IHC, IP, WB, ELISA

Demandes citées:

IHC, WB

Spécificité de l'espèce:

Humain, rat, souris

Espèces citées:

Humain, poisson-zèbre, rat, souris

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 : tissu cardiaque de souris, tissu cardiaque de rat

IP : tissu cardiaque de souris,

IHC : tissu testiculaire humain, tissu de cancer de la prostate humaine

Informations générales

PUMA, also named as JFY-1 and BBC3, belongs to the Bcl-2 family. It is a critical mediator of p53-dependent and -independent apoptosis induced by a wide variety of stimuli. It serves as a proximal signaling molecule whose expression is regulated by transcription factors in response to these stimuli. PUMA transduces death signals primarily to the mitochondria, where it acts indirectly on the Bcl-2 family members Bax and/or Bak by relieving the inhibition imposed by antiapoptotic members. It directly binds and antagonizes all known antiapoptotic Bcl-2 family members to induce mitochondrial dysfunction and caspase activation. PUMA ablation or inhibition leads to apoptosis deficiency underlying increased risks for cancer development and therapeutic resistance. It is a general sensor of cell death stimuli and a promising drug target for cancer therapy and tissue damage. It is essential mediator of p53-dependent and p53-independent apoptosis (PMID: 19641508). Catalog #55120-1-AP can recognize PUMA alpha 21-24 kDa and PUMA beta 15-18 kDa.

Publications notables

Autrice	Pubmed ID	Journal	Application
Emily Filichia	27619562	Sci Rep	WB
Yang Gao	32932732	Int J Mol Sci	WB
Junwei Du	32891613	Life Sci	WB

Stockage

Stockage:

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

Tampon de stockage:

PBS avec azote 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.

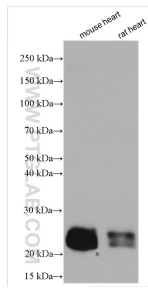
For technical support and original validation data for this product please contact:

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

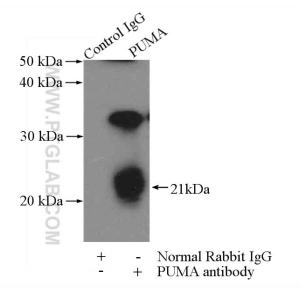
E: proteintech@ptglab.com
W: ptglab.com

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

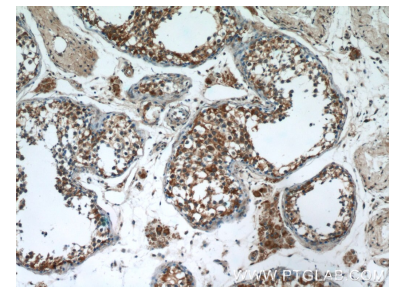
Données de validation sélectionnées



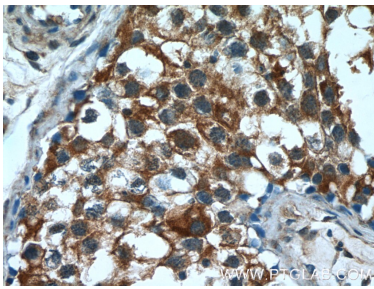
Various lysates were subjected to SDS PAGE followed by western blot with 55120-1-AP (PUMA antibody) at dilution of 1:1500 incubated at room temperature for 1.5 hours.



IP Result of anti-PUMA (IP:55120-1-AP, 4ug; Detection:55120-1-AP 1:500) with mouse heart tissue lysate 3200ug.



Immunohistochemical analysis of paraffin-embedded human testis tissue slide using 55120-1-AP (PUMA Antibody) at dilution of 1:200 (under 10x lens).



Immunohistochemical analysis of paraffin-embedded human testis tissue slide using 55120-1-AP (PUMA Antibody) at dilution of 1:200 (under 40x lens).