

À des fins de recherche uniquement

Anticorps Polyclonal de lapin anti-ubiquitin



Numéro de catalogue: 10201-2-AP

299 Publications

Informations de base

Numéro de catalogue:
10201-2-AP

Taille:
150ul, Concentration: 550 µg/ml by
Nanodrop;

Hôte:
Lapin

Isotype:
IgG

Immunogen Catalog Number:
AG0260

Numéro d'acquisition GenBank:
BC000379

Identification du gène (NCBI):
7314

Nom complet:
ubiquitin B

MW calculé
26 kDa

Méthode de purification:
Purification par affinité contre
l'antigène

Dilutions recommandées:
WB 1:500-1:1000
IHC 1:50-1:500

Applications

Applications testées:
FC, IHC, WB, ELISA

Demandes citées:
ChIP, CoIP, IF, IHC, WB

Spécificité de l'espèce:
Humain, rat, souris

Espèces citées:
Humain, rat, singe, souris, arabidopsis, Trypanosoma
cruzi

**Remarque-IHC: il est suggéré de démasquer
l'antigène avec un tampon de TE buffer pH
9,0; (*) A défaut, 'le démasquage de
l'antigène peut être 'effectué avec un
tampon citrate pH 6,0.**

Contrôles positifs:

WB : cellules MDA-MB-453s, cellules MCF-7, tissu
hépatique de souris

IHC : tissu de cancer du pancréas humain,

Informations générales

Ubiquitin B (UBB) is a member of ubiquitin family, one of the most conserved proteins known. Ubiquitin B is required for ATP-dependent, non-lysosomal intracellular protein degradation of abnormal proteins and normal proteins with a rapid turnover. Ubiquitin B is covalently bound to proteins to be degraded, and presumably labels these proteins for degradation. Ubiquitin also binds to histone H2A in actively transcribed regions but does not cause histone H2A degradation, suggesting that ubiquitin is also involved in regulation of gene expression. When polyubiquitin is free (unanchored-polyubiquitin), it also has distinct roles, such as in activation of protein kinases, and in signaling. This gene consists of three direct repeats of the ubiquitin coding sequence with no spacer sequence. Consequently, the protein is expressed as a polyubiquitin precursor with a final amino acid after the last repeat. Aberrant form of this protein has been noticed in patients with Alzheimer's and Down syndrome. Interestingly ubiquitin also becomes covalently bonded to many types of pathological inclusions which appear to be resistant to normal degradation.

Publications notables

Autrice	Pubmed ID	Journal	Application
Huanru Wang	31575039	Int J Mol Sci	WB
Fabao Liu	26309161	Oncotarget	ip
Yu Sun	34562065	J Cell Mol Med	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.

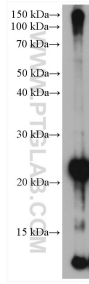
For technical support and original validation data for this product please contact:

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

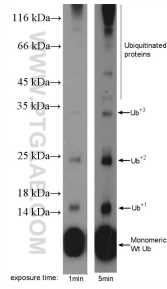
E: proteintech@ptglab.com
W: ptglab.com

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

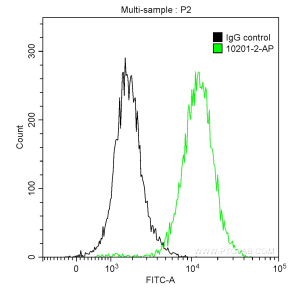
Données de validation sélectionnées



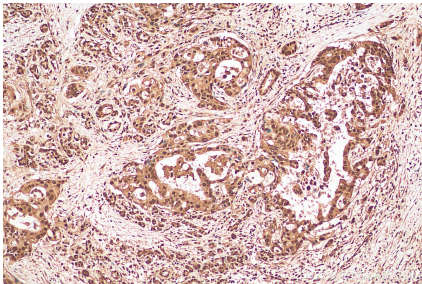
MDA-MB-453s cells were subjected to SDS PAGE followed by western blot with 10201-2-AP (ubiquitin antibody) at dilution of 1:600 incubated at room temperature for 1.5 hours.



MDA-MB-453s cells were subjected to SDS PAGE followed by western blot with 10201-2-AP (ubiquitin Antibody) at dilution of 1:600 incubated at room temperature for 1.5 hours.



1X10⁶ HeLa cells were intracellularly stained with 0.2 ug Anti-Human ubiquitin (10201-2-AP) and CoraLite®488-Conjugated AffiniPure Goat Anti-Rabbit IgG(H+L) at dilution 1:1000 (green), and 0.2 ug Control Antibody. Cells were fixed with 90% MeOH.



Immunohistochemical analysis of paraffin-embedded human pancreas cancer tissue slide using 10201-2-AP (ubiquitin antibody) at dilution of 1:200 (under 10x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).