

À des fins de recherche uniquement

Anticorps Monoclonal anti-ubiquitin



Numéro de catalogue: 60310-1-Ig **3 Publications**

Informations de base

Numéro de catalogue: 60310-1-Ig	Numéro d'acquisition GenBank: BC000379	Méthode de purification: Purification par protéine G
Taille: 150ul , Concentration: 647 µg/ml by Bradford method using BSA as the standard;	Identification du gène (NCBI): 7314	CloneNo.: 1D7B2
Hôte: Mouse	Nom complet: ubiquitin B	Dilutions recommandées: WB 1:500-1:2000 IHC 1:20-1:200 IF 1:10-1:100
Isotype: IgG1	MW calculé: 26 kDa	
Immunogen Catalog Number: AG0260	MW observés: 25 kDa	

Applications

Applications testées:

IF, IHC, WB, ELISA

Demandes citées:

WB

Spécificité de l'espèce:

Humain

Espèces citées:

Humain

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 HeLa,

IHC : tissu de tumeur ovarienne humain, tissu de cancer du sein humain, tissu pancréatique humain

IF : cellules HeLa,

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
Jens O. Watzlawik	33112198	Autophagy	WB
Kai Zhang	34715254	Cancer Lett	
G Bertolin	25591737	Cell Death Differ	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.

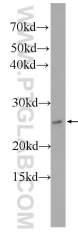
For technical support and original validation data for this product please contact:

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

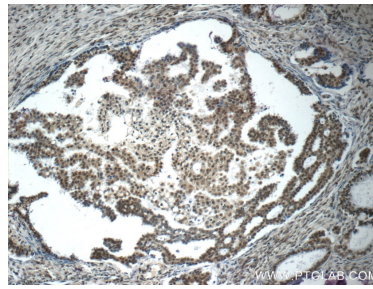
E: proteintech@ptglab.com
W: ptglab.com

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

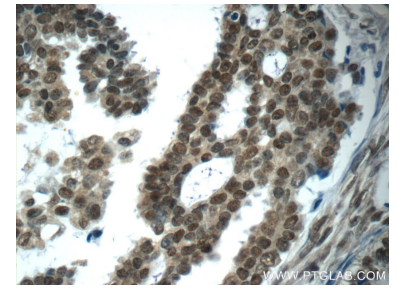
Données de validation sélectionnées



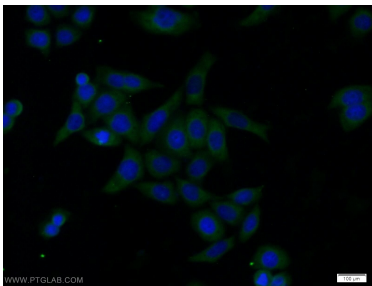
HeLa cells were subjected to SDS PAGE followed by western blot with 60310-1-Ig (ubiquitin Antibody) at dilution of 1:1000 incubated at room temperature for 1.5 hours.



Immunohistochemical analysis of paraffin-embedded human ovary tumor tissue slide using 60310-1-Ig (ubiquitin Antibody) at dilution of 1:50 (under 10x lens).



Immunohistochemical analysis of paraffin-embedded human ovary tumor tissue slide using 60310-1-Ig (ubiquitin Antibody) at dilution of 1:50 (under 40x lens).



Immunofluorescent analysis of HeLa cells using 60310-1-Ig (ubiquitin antibody) at dilution of 1:25 and Alexa Fluor 488-conjugated AffiniPure Goat Anti-Mouse IgG (H+L).