

À des fins de recherche uniquement

Anticorps Polyclonal de lapin anti-UBE2T/HSPC150



Numéro de catalogue: 10105-2-AP

Phare

18 Publications

Informations de base

Numéro de catalogue:
10105-2-AP

Taille:
150ul, Concentration: 800 µg/ml by
Nanodrop and 367 µg/ml by Bradford
method using BSA as the standard;

Hôte:
Lapin

Isotype:
IgG

Immunogen Catalog Number:
AG0153

Numéro d'acquisition GenBank:
BC004152

Identification du gène (NCBI):
29089

Nom complet:
ubiquitin-conjugating enzyme E2T
(putative)

MW calculé

23 kDa

MW observés:

23 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

IF 1:50-1:500

Applications

Applications testées:

IF, IP, WB, ELISA

Demandes citées:

IF, IHC, IP, WB

Spécificité de l'espèce:

Humain

Espèces citées:

Humain

Contrôles positifs:

WB : cellules HeLa, cellules HepG2, cellules Jurkat,
cellules K-562, cellules SKOV-3

IP : cellules HeLa,

IF : cellules HeLa, cellules HepG2

Informations générales

The ubiquitin (Ub)-mediated protein degradation pathway involves three sequential enzymatic steps that facilitate the conjugation of Ub to specific protein substrates. The first step requires ATP-dependent activation of the C-terminus of Ub and the assembly of multi-Ubs by Ub-activating enzyme E1. The ubiquitin-conjugating enzyme E2, catalytic (UBC) domain, is then conjugated to Ubs, through a thiol-ester linkage between a conserved cysteine and the C-terminus of Ub, to generate an intermediate Ub-E2 complex. Then the E3, a ligase, catalyzes the transfer of Ub from E2 to the appropriate substrate. This pathway regulates many fundamental cellular processes. There are also other E2s which form thiol-ester linkages without the use of E3s as well as several UBC homologs (TSG101, Mms2, Croc-1 and similar proteins), which lack the active site cysteine essential for ubiquitination and appear to function in DNA repair pathways.

Publications notables

| Autrice | Pubmed ID | Journal | Application |
|--------------|-----------|------------------|-----------------|
| Xuxiu Tao | 36156329 | Cancer Sci | WB, IHC, IF, IP |
| Xiangtian Wu | 33014154 | Oncol Lett | WB, IHC |
| Li-Li Liu | 31571992 | Cancer Manag Res | 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.

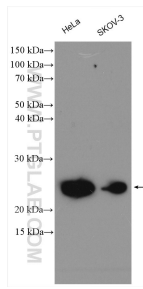
For technical support and original validation data for this product please contact:

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

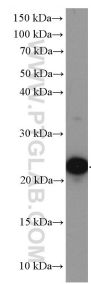
E: proteintech@ptglab.com
W: ptglab.com

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

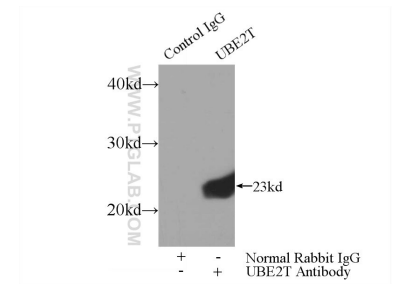
Données de validation sélectionnées



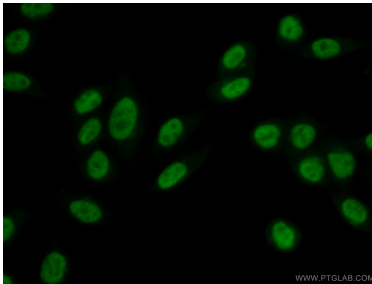
HeLa cells were subjected to SDS PAGE followed by western blot with 10105-2-AP (UBE2T/HSPC150 antibody) at dilution of 1:1000 incubated at room temperature for 1.5 hours.



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IP Result of anti-UBE2T/HSPC150 (IP:10105-2-AP, 3ug; Detection:10105-2-AP 1:500) with HeLa cells lysate 3000ug.



Immunofluorescent analysis of (10% Formaldehyde) fixed HeLa cells using 10105-2-AP (UBE2T/HSPC150 antibody) at dilution of 1:50 and Alexa Fluor 488-conjugated AffiniPure Goat Anti-Rabbit IgG(H+L).